ALABAMA EPSILON CHAPTER OF TAU BETA PI

University of South Alabama

Project Report 2017-18
June 22, 2018

Tau Beta Pi Awards Committee
C/o Mr. Curt Gomulinski
PO Box 2697
Knoxville, TN 37901

Dear Award Committee Members:

It is my pleasure to recommend the Alabama Epsilon Tau Beta Pi chapter for the R.C. Matthews Award as the outstanding TBP chapter. The TBP students worked tirelessly and effectively this year, compiling an outstanding record of achievements. As a result, I believe the student officers and members richly deserve the recognition afforded by this prestigious award. You have received a report listing the many projects and activities that the chapter completed in the past year, but I want to highlight the impact that a few of these have had on the College of Engineering and the community.

First is in outreach and student recruitment programs. The reports detail their extensive volunteer efforts with a wide variety of these events, including the Engineering Open House for more than 500 middle school students during National Engineers Week, mentoring of middle and high school teams for the BEST Robotics competition, working with Boys & Girls Club STEM activities, and many others.

A major priority for the college of engineering this year has been improving retention of current students. TBP members have served as supplemental instructors in the most challenging engineering courses and as Peer Leaders in freshman seminars, improving student academic success and retention. They also provided tutoring for several courses, again impacting our retention rate. Tau Beta Pi organized and implemented the resume and interviewing workshop that was a highlight for students and provided them with the opportunity to receive constructive feedback from the many industry representatives who gave of their time and talent to spend the day in one-on-one sessions with our engineering students. Not only is this a great service for engineering students, but it is another activity that motivates current students and improves their academic success.

The “Professor of the Year” award is presented annually at a college-wide faculty meeting and truly commands the attention of the entire college, as it is recognition from our very best students. The faculty member who receives the award is also highlighted at the annual Awards and Recognition Luncheon attended by industry leaders throughout the area and the university administration.

Much of the amazing performance of the chapter can be attributed to the superlative leadership of the chapter president, Phiwat Klomkaew, who provided both great leadership and excellent follow up to assure that projects were completed. He does this in a manner that keeps all members on task and involved. Speaking of leadership, TBP hosted a Leadership Workshop...
this year. It targeted the leaders for all of our engineering student organizations, although it was open to any students who wanted to improve their leadership skills. The workshop was a great success, well attended and will provide welcome results for next year, as well.

Our Tau Bates are also wonderful ambassadors for the college and the university as they participate in community projects. They hosted our tailgating activities at home football games, assisted with dozens of campus visits by high school students, and were judges for the junior division during the Mobile Area Science and Engineering Fair. Through these and other activities documented in the report, Alabama Epsilon raises the awareness of the college and the profession throughout Mobile and the state.

The Awards and Recognition Luncheon is a highlight of our academic year at the University of South Alabama. It attracts students, faculty, staff, alumni, and supporters of the College and provides an opportunity to recognize outstanding students, faculty, and the companies that support our students. The TBP members serve a very special role by serving as hosts for the incoming freshman students and their parents. They provided tours of the engineering facilities before the luncheon and sat with the new students at the luncheon, making them feel welcome and serving as great role models.

The Chapter has used scholarship funds we receive as a result of Chapter Project Awards and matching funds to recognize the outstanding sophomore. The Tau Beta Pi Outstanding Sophomore is a highly coveted award.

A relatively new initiative had its genesis in the desire of TBP to make lower division students aware of how important TBP has become, inspiring these students to strive for excellence in their studies and become eligible for membership. To achieve that goal, they conducted a “Tau Beta Pi Week” in the fall. Each day there were activities focusing on some aspect of engineering. The entire college became engaged in the activities, which clearly had the desired effect of making all students and faculty more aware of our TBP chapter.

As documented in the chapter’s annual report, there are many other projects and activities that I could highlight. However, it is really important to note the overall impact of all of these efforts: we simply would not be nearly as successful as a college without our TBP chapter.

The Alabama Epsilon Chapter is truly outstanding and one of the very best assets of the College of Engineering at the University of South Alabama. I believe that our TBP chapter truly deserves the R.C. Matthews Award.

Sincerely,

John W. Steadman, PE, Ph.D.
Dean
# Alabama Epsilon Chapter Projects

## College Projects

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Project Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Welcome to the Jungle</td>
<td>1</td>
</tr>
<tr>
<td>2. Freshman Seminar Panels</td>
<td>2</td>
</tr>
<tr>
<td>3. Graduate School Seminar</td>
<td>3</td>
</tr>
<tr>
<td>4. Alumni Speaker</td>
<td>4</td>
</tr>
<tr>
<td>5. Tau Beta Pi Week</td>
<td></td>
</tr>
<tr>
<td>a. Tau Toss</td>
<td>5</td>
</tr>
<tr>
<td>b. Integral Hunt</td>
<td>6</td>
</tr>
<tr>
<td>c. Integral β</td>
<td>7</td>
</tr>
<tr>
<td>d. Pi a Professor</td>
<td>8</td>
</tr>
<tr>
<td>e. Resume Workshop</td>
<td>9</td>
</tr>
<tr>
<td>6. Pi Day</td>
<td>10</td>
</tr>
<tr>
<td>7. Engineering Scholars Reception</td>
<td>11</td>
</tr>
<tr>
<td>8. Leadership Workshop</td>
<td>12</td>
</tr>
<tr>
<td>9. Research Seminar Introductions</td>
<td>13</td>
</tr>
<tr>
<td>10. Order of the Engineer</td>
<td>14</td>
</tr>
<tr>
<td>11. High School Recruitment Calls</td>
<td>15</td>
</tr>
<tr>
<td>12. Incoming Freshman Presentation and Tour</td>
<td>16</td>
</tr>
<tr>
<td>13. College of Engineering Awards Luncheon</td>
<td>17</td>
</tr>
</tbody>
</table>

## Pre-College Programs

<table>
<thead>
<tr>
<th>Program Description</th>
<th>Project Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. (Engaging Youth in Engineering) Boys &amp; Girls Clubs</td>
<td>18</td>
</tr>
<tr>
<td>2. BEST Robotics</td>
<td></td>
</tr>
<tr>
<td>a. Competition</td>
<td>19</td>
</tr>
<tr>
<td>b. Design Workshop</td>
<td>20</td>
</tr>
<tr>
<td>c. Documentation Workshop</td>
<td>21</td>
</tr>
<tr>
<td>d. Club Mentors</td>
<td>22</td>
</tr>
<tr>
<td>3. E-Week Engineering Open House</td>
<td>23</td>
</tr>
<tr>
<td>4. Math Counts</td>
<td>24</td>
</tr>
<tr>
<td>5. Science Olympiad</td>
<td>25</td>
</tr>
<tr>
<td>6. Science and Engineering Fair</td>
<td>26</td>
</tr>
</tbody>
</table>

## Community Projects

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Project Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Hurricane Relief Fundraiser</td>
<td>27</td>
</tr>
<tr>
<td>2. Canned Food Drive</td>
<td>28</td>
</tr>
<tr>
<td>3. Coastal Cleanup</td>
<td>29</td>
</tr>
<tr>
<td>4. Tailgating</td>
<td>30</td>
</tr>
<tr>
<td>5. Exploreum</td>
<td>31</td>
</tr>
</tbody>
</table>

## Recognition

<table>
<thead>
<tr>
<th>Award Description</th>
<th>Project Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Professor of the Year Award</td>
<td>32</td>
</tr>
<tr>
<td>2. Outstanding Sophomore Scholarship</td>
<td>33</td>
</tr>
<tr>
<td>3. Initiate Letter from Dean</td>
<td>34</td>
</tr>
</tbody>
</table>
Member Activities

1. Member Polo Shirts
2. National Convention
3. District Conference
4. Bowling Night
5. Holiday Party
6. Social Media
7. Bent Decoration
8. Mobile River Survey Boat Trip
9. Initiation Receptions
10. Bent Polishing
11. Graduation Stoles (Fall and Spring)
12. Executive Retreat
13. District Director Visit
14. Officer Transition
15. Finals Social

Member Participation Summary
The Tau Beta Pi Association
Chapter Project Report

Project name: Welcome to the Jungle
Date(s) of Project: 9/18/2017

Target Audience: □ Community / Liberal Culture  □ University / College  □ Profession / Engineering  □ Chapter / Social  □ Education / Prof Development

Participants in project:  Members: 7  Electees: 0

Hours spent on this project:  Organizing: 4  Participating: 3

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: Welcome to the Jungle was an engineering social event organized by TBII and other societies in the College of Engineering to welcome students back to school. Local restaurants provided food and each organization set up a welcome table and brought a game for students to play.

TBII set up a game of four-square, which was one of the more popular games of the day. Students came by the TBII tent throughout the day to compete and stake their claim on the winner’s square for as long as they could.

II. Purpose & Relationship to Objectives of TBΠ: The purpose of Welcome to the Jungle was to provide an opportunity for networking among students and faculty members. In addition, TBΠ members were to promote the organization and talk to underclassmen about the requirements and other details of the organization.

III. Organization & Administration: In conjunction with another group? □ Yes □ No This project was in conjunction with the University of South Alabama.

IV. Cost & Personnel Requirements: A kickball and tape with a couple of members at the tent,

V. Special Problems: None

VI. Overall Evaluation/Results: More than 300 South Alabama students showed up to enjoy food and games at the Welcome to the Jungle event. Members were able to discuss the talk to students and promote Tau Beta Pi.

VII. Index of Exhibits: Photos, List of Participants
Welcome to the Jungle

Figure 1. View of Welcome to Jungle Courtyard

Figure 2. Participating Tau Bates

Figure 3. TBP Four Square

List of Participants

Members
1. Caleb Barlow
2. Mack Bozeman
3. Mohamed El Sharkh
4. Arianjel Hernandez
5. Phiwat Klomkaew
6. Yousef Omar
7. Marina Swanepoel
The Tau Beta Pi Association  
Chapter Project Report

Project name: Freshman Seminar (EG101) Peer Panel  
Date(s) of Project: Aug 28 – Sept 11, 2017

Target Audience: University/ Education:
Liberal Culture  College  Engineering  Chapter/  Social  Prof Development

Participants in project:  
Members: 17  Electees: 3  Others: 6

Hours spent on this project:  
Organizing: 4  Participating: 1

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description:
The EG101 class (Orientation to Engineering Study) introduces first-year engineering students to resources on campus and issues they need to be aware of to succeed at the University of South Alabama. In addition to identifying campus resources, EG101 informs students about how to get internships, the ethical codes of engineering, and various components of teams and design engineering. The Peer Panel of three to five upper-class engineering students presents insights and experiences of successful students to each of the EG101 classes and how to get involved with engineering societies. The panelists present their own experiences and answer general questions posed by the class.

II. Purpose & Relationship to Objectives of TBΠ:
The purpose of the peer panel is to increase the retention and involvement of first-year engineering students by providing role models (panelists). First-year students get excited about the possible directions of their undergraduate career and learn how to obtain their goals. The panels also encourage participation in engineering societies.

III. Organization & Administration: In conjunction with another group?  Yes  No
This project was done in conjunction with the EG101 class sections. Dr. Sally Steadman, advisor, organized the panels.

IV. Cost & Personnel Requirements:  Three to five panelists were required for each class period.
The total number of panelists requested was 35; however, some panelists sat on multiple panels and the peer assistant for each section filled in where there were empty seats on a panel.

V. Special Problems:
None.
VI. Overall Evaluation/Results:
The EG101 Faculty find that the Peer Panel is one of the most effective methods of making first-year students aware of the problems, challenges, and exciting aspects of undergraduate engineering studies, as well as providing them with valuable insights on work experience and life outside the engineering curriculum. The panels ran smoothly and successfully. Many of the faculty report that this was the best class during the semester.

VII. Index of Exhibits: List of Participants, Example Panel Questions

Freshman Seminar (EG101) Peer Panel
List of Participants

**Members**
1. Barlow, Caleb D.
2. Bozman, Mack E.
3. Buie, Angela
4. Carithers, Collin
5. Ferrill, Kelsey
6. Harden, Gunnar D.
7. Higginbotham, Tristen
8. Lyn, Nicholas
9. Nelson, Tobin
10. Omar, Yousef
11. Reiss, Joshua P. (Paxton)
12. Riede, Jason
13. Rodriguez Reveles, Luis E.
14. Rounsaville, Bill
15. Siu, Benjamin
16. Tow, Tyler K.
17. Walters, Mikayla G.

**Electees**
1. Kelly, Derek
2. Shurdan, Brandon
3. Tatman, William S

**Others**
1. Baldwin, Bryant
2. Damazio, Savannah
3. Ingram, Kolby
4. Pham, Kevin
5. Ratcliffe, Alicia
6. Walker, Kaleb
Freshman Seminar
Example Panel Questions

- Academics
  - Did you have a declared major your freshman year?
  - Did you change your major?
  - Do you have a double major or a minor?
    - How much extra time does it entail?
  - Have you changed your advisor?
  - Have you ever dropped/withdrawn from a class?
  - Do you have a study group?
  - How do you prepare for an exam?
  - If you are a senior, what is your senior design project?
  - When is your expected graduation date and how long have you been here?
  - What do you like most about the College of Engineering?

- Time Management
  - Do you have and use a planner? What type of planner do you use?
  - How many hours per week do you study?
  - Have you ever missed an exam/final?
  - Have you needed a University excuse?
  - Have you missed school because you were sick and how did you deal with that?

- College Life
  - Have you lived in the dorms? How was it?
  - How do you feel about off campus living?
  - Eating and exercise habits?
  - Do you belong to a student society?
  - What activities outside of school do you participate in?
  - What is there to do in Mobile?

- Miscellaneous
  - How are you funding your education (money management)? Do you have scholarships? Do you work during school, if so, how many hours?
  - Have you had an internship or co-op
    - How did you find out about the opportunity?
  - Did you experience any big surprises at college, anything you didn’t expect?
  - Do you have a resume?
  - Have you interviewed for a job?

- What one piece of advice do you have for freshmen?
The Tau Beta Pi Association
Chapter Project Report

Project name: Graduate School Seminar
Date(s) of Project: 11/2/2017

Target Audience:
- Community/ Liberal Culture
- University/ College
- Profession/ Engineering
- Chapter/ Social
- Education: Prof Development

Number of persons who participated in this project.
Members: 9     Electees: 6     Others: ~10

Hours spent on this project.
Organizing: 4     Participation: 1

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The seminar was organized to provide an opportunity for undergraduates to ask questions and learn about attending Graduate School. Engineering professors volunteered to speak at the seminar and talk about their graduate school experiences and why it’s important to attend. In addition, time was allotted for an open panel discussion for questions from students. The following faculty members presented at the seminar: Dr. Russ, Dr. Richardson, Dr. Smallegan, Dr. Leavesley, and Dr. Cloutier.

II. Purpose & Relationship to Objectives of TBΠ: This seminar promotes the importance of attending graduate school and offers guidance to undergraduate students.

III. Organization & Administration: In conjunction with another group? Yes  No
Announcements were displayed on the college electronic message boards, made at the bi-weekly TBΠ meetings and sent out through email.

IV. Cost & Personnel Requirements: Light Refreshments were purchased. Several engineering professors spoke at the seminar.

V. Special Problems: None.

VI. Overall Evaluation/Results: The Graduate School Seminar was very beneficial in helping undergraduate students get more information about Graduate School and providing motivation for the students to pursue advanced degrees.

VII. Index of Exhibits: List of Participants
Graduate School Seminar

List of Participants

Members
1. Slater Dozier
2. Christopher Harrison
3. Benjamin Siu
4. Caleb Barlow
5. Phiwat Klomkaew
6. Mack Bozman
7. Kelsey Ferrill
8. Yousef Omar
9. Sally Steadman (Advisor)

Electees
1. Derek Kelly
2. Nate Fedor
3. Sam Gunn
4. Michael Weinzirl
5. William Pimperl
6. Nicholas Strong

About 10 non-TBI members attended.

Figure 1. Faculty Panel
DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: A USA alumnus, Ron Stallworth, was an invited speaker for the first Tau Beta Pi meeting. Ron is the Global Center of Excellence (COE) Leader for Honeywell Performance Materials and Technologies. He is also serving on the USA Alumni Board. Ron’s presentation was “Bridging the gap between today’s engineering graduates and the people that want to hire them”. When early-career engineers are preparing for available jobs, it’s imperative that they do their homework to learn their audience. It’s virtually impossible to craft a highly effective message of how valuable you will be to a company without knowing about that company’s culture, strategies, goals and objectives.

II. Purpose & Relationship to Objectives of TBΠ: This project informed current students about the possibilities of using and applying engineering in the real world and how to optimize a career path.

III. Organization & Administration: In conjunction with another group? ☑ Yes ☐ No
A joint meeting was held with AIChE. Ron was subsequently elected as an eminent engineer and was initiated in the spring.

IV. Cost & Personnel Requirements: Refreshments were provided by Ron Stallworth.

V. Special Problems: None

VI. Overall Evaluation/Results: The event was successful. The large attendance was a great way to start the year. Members were able to learn more about Ron on a professional and personal level.

VII. Index of Exhibits: List of Participants, Advertisement
Alumni Speaker
List of Participants

Members
1. Barlow, Caleb D.
2. Bozman, Mack E.
3. Ferrill, Kelsey
4. Harrison, Christopher D.
5. Hernandez, Arianjel F.
6. Jordan, Christopher S.
7. Klomkaew, Phiwat
8. Miller, Eric J.
9. Omar, Yousef
10. Rodriguez Reveles, Luis E.
11. Scoper, Preston W.
12. Siu, Benjamin
14. Tow, Tyler K.
15. Udoh, Aniebiet
16. Walters, Mikayla G.

Electees
1. Corbett, Ethan H.
2. Cox III, Michael R.
3. Fedor, Nathanael
4. Gunn, Samantha D.
5. Joiner, Tyler
6. Kelly, Derek
7. McGehee, Jimmie L.
TBP Week
November 6-10, 2017

Monday

Tau Toss
Atrium: 9:05 am – 1: 20 pm
Prizes for winners
If your toss from the fourth floor lands in a square, you win a prize!
15 min sessions at 9:05 am, 11 am, and 1:20 pm.

Tuesday

Integral β
Room 4207: 12:30 – 1:30 pm
Prizes for winners
Just like a spelling B, but with Integrals! Do you think you are the best at calculus?
Sign up for this event online (check your email) or at the door. Lunch provided.

Wednesday

Pi a Professor
West Entrance: 11:00 am – 1:20 pm
Here’s a chance to throw a pie at your favorite professor (or least favorite)....
15 min sessions at 11 am, 12:05 pm, and 1:10 pm.

Thursday

Initiation Reception
Atrium: 4:30 pm
Join us for a Reception for the new initiates. (Initiation ceremony is for members only.)
Congratulate new initiates, who will be wearing Tau Beta Pi polished bents.

Friday

Resume Workshop
Atrium: 8:45 am – 3 pm
Meet with company representatives to discuss how to enhance your resume.
Sign up in advance to attend this event http://signupschedule.com/tbpevents

Sponsors
The Tau Beta Pi Association
Chapter Project Report

Project name: Tau Toss  Date(s) of Project: 11/6/2017

Target Audience: □ Community/ Liberal Culture □ University/ College □ Profession/ Engineering □ Chapter/ Social □ Education: Prof Development

Participants in project: see attached list  Members: 3  Electees: 5

Hours spent on this project:  Organizing: 6  Participation: 4

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: To get students excited about TBΠ week, Alabama Epsilon hosted Tau Toss. Members and Electees created a grid on the floor of the lobby with tape. A small prize was placed in each square. Students then dropped parachutes off the third-floor balcony. Students won the prize located in the square where their parachute landed.

In addition, a major prize was awarded every hour. Students wrote their name on a post-it note and placed it on a square (one name per square). A faculty member then dropped a parachute from the third floor. The student whose name was in the square where the parachute landed was awarded a gift card to Mellow Mushroom.

II. Purpose & Relationship to Objectives of TBΠ: This event served to make Alabama Epsilon’s TBΠ Week a successful endeavor. Specifically, Tau Toss provided a means to get students excited for TBΠ week. In addition, a large event located in the lobby allowed for members to talk to students about TBΠ.

III. Organization & Administration: In conjunction with another group? □ Yes □ No

IV. Cost & Personnel Requirements: Officers asked local businesses for gifts to award the winners. In addition, sodas and water were provided. Please note that a chapter needs an open multi-storied area for dropping items to conduct this project.

V. Special Problems: None.

VI. Overall Evaluation/Results: This event was highly successful based on feedback from those who attended. The event was fun, engaging, and allowed for members to cast TBΠ in an extremely positive light.

VII. Index of Exhibits: Photos and List of Participants
List of Participants

Members
1. Mack Bozman
2. Luis Rodriguez
3. Phiwat Klomkaew

Electees
1. Amanda Brown
2. Tanner Hickman
3. Ashleigh Moore
4. Brandon Shurden
5. Michael Weinziehl
The Tau Beta Pi Association  
Chapter Project Report

Project name: TBP Integral Hunt  
Dates of Project: 11/6/2017 to 11/10/2017

Target Audience:  
- Community/  
- University/  
- Profession/  
- Chapter/  
- Education:  
  - Liberal Culture  
  - College  
  - Engineering  
  - Social  
  - Prof Development

Participants in project:  
Members: Phiwat Klomkaew, Benjamin Siu, Tyler Tow  
Electees: Brandon Shurden, Tanner Hickman, Anniestacia Miskel

Hours spent on this project:  
Organizing: 5  
Participation: 1

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: To increase the visibility and participation in TBIW Week, math questions were hidden around the engineering building and prizes were given to students who submitted the correct answer. Preparation included creating twenty calculus-based integral questions to be hidden in not-so-obvious spots around the main lobbies of Shelby Hall. Solutions to each problem were written and were, along with snack prizes, given to the dean’s office. To advertise, an email was sent to all engineering students and a notice of the scavenger hunt was posted next to the TBIW Week main schedule. Participants had until the end of the week to find the hidden integral question and submit the solution to the dean’s office to receive small prizes.

II. Purpose & Relationship to Objectives of TBI: TBP Integral Hunt served to reach a broader audience than the Integral Beta competition. Students who could not participate in the Integral Beta competition could participate in the hunt, either alone or with friends. The game provides a fun and competitive environment for motivated students to test their calculus knowledge. The event promoted Tau Beta Pi to all engineering students and faculty.

III. Organization & Administration: In conjunction with another group?  
- Yes  
- No

IV. Cost & Personnel Requirements: A committee of TBIW initiates organized the event.

V. Special Problems: None

VI. Overall Evaluation/Results: This event was even more successful on its second year than the first based on the number of solutions that were turned in and the amount of highly valued prizes such as gift cards to Starbucks and a local tea shop. The hunt was fun, engaging, and meaningful, and cast TBIW in an extremely positive light.

VII. Index of Exhibits: Signs
Integral Beta Hunt
Not able to participate at the TBP Integral $\beta$ Competition on Tuesday?

No worries...

Find and solve 1 of the 20 integration problems hidden around Shelby Hall to get a prize at the Dean’s Office

Claim prize by: Friday 11/10 @ 4pm

(Questions are hidden in the main area where the Globe is visible... Not in departmental hallways)

Looks like this

Figure 1. TBP Integral Hunt signs
I. General Description: As the Beta component of TBPI Week, students participated in an “Integral Beta,” a calculus-based integral competition. Prior to the competition, TBPI members assembled a large database of integral problems. The competition was divided into timed rounds of increasing difficulty. Each competitor was provided paper and pencil, and the task was to successfully compute as many integrals in the time allotted. At the conclusion of each round, judges scored the results, and students proceeded to the next round based on the number of correct responses. The competition proceeded until two competitors remained, who then advanced to the Finalist Round. During the final round, each of the finalists worked a series of difficult problems, of varying point values, until the competition time expired. The overall victor was decided based on final round score totals.

II. Purpose & Relationship to Objectives of TBPI: The Integral Beta provided a fun and competitive environment for motivated students to test their calculus knowledge while engaging with other like-minded engineering students. The event promoted Tau Beta Pi to rising freshmen and sophomores, and those who may not have known about the organization prior to attending the competition.

III. Organization & Administration: In conjunction with another group? ☑ Yes ☐ No

IV. Cost & Personnel Requirements: A committee was assembled consisting of TBPI initiates to plan and organize the event. Food and drinks were provided. Prizes and door prizes were obtained from local businesses.

V. Special Problems: No.

VI. Overall Evaluation/Results: This event was highly successful based on feedback from those who attended. The competition was fun, engaging, and meaningful, and cast TBPI in an extremely positive light.

VII. Index of Exhibits: List of Participants, Photos
# Integral Beta

## List of Participants

<table>
<thead>
<tr>
<th><strong>Members</strong></th>
<th><strong>Electees</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Tyler Tow</td>
<td>2. William Pimperl</td>
</tr>
<tr>
<td>4. Christopher Harrison</td>
<td>4. Troy Orwin</td>
</tr>
<tr>
<td>5. Phiwat Klomkaew</td>
<td></td>
</tr>
</tbody>
</table>

---

*Figure 1: Competitors in the First Round*

*Figure 2: Judges Grading the First Round Scores*

*Figure 3: Final Round Winner*  
Christopher Harrison
Project name: TBP Week: Pi a Professor  Date(s) of Project: 11/8/17

Target Audience:  
- Community/ Liberal Culture  
- University/ College  
- Profession/ Engineering  
- Chapter/ Social  
- Education: Prof Development

Participants in project:  
- Members: 3  
- Electees: 0

Hours spent on this project:  
- Organizing: 4  
- Participating: 3

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: Members and Electees sold pie tins filled with whip cream at one dollar each to engineering students to throw at the professors volunteering at the booth. Professors in each engineering discipline and staff were asked to volunteer. An email was sent to engineering students with the times each professor signed up. A poster with the Pi a Professor schedule was placed in the lobby.

II. Purpose & Relationship to Objectives of TBP: Primarily, this project promotes the name of Tau Beta Pi while promoting science and the engineering society towards regional humanitarian aid. Additionally, this shows that TBP as being a holistic kind of organization that is involved with social activities and fun for a philanthropic cause.

III. Organization & Administration: In conjunction with another group?  
- Yes  
- No  

Supplies needed for the event: whipping cream, paper towels, shower caps, chairs and tables, a water hose and garbage bags. Volunteers set up tables for filling the pies, a tent for shade, and a collection box for money donations.

IV. Cost & Personnel Requirements: The chapter purchased supplies.

V. Special Problems: None

VI. Overall Evaluation/Results: Pi a Professor was a successful event raising approximately $100, which was contributed to the Hurricane Relief fund. We could add more advertisement for the event by equipping a student with a megaphone and a boom box to hype the event.

VII. Index of Exhibits: List of Participants, Sign, Photos
Members
1. Angela Buie
2. Phiwat Klomkaew
3. Marina Swanepoel

Pi a Professor
List of Participants

TBP Week

Pi a Professor
Today
11 am, 12:05 pm, & 1:10 pm
West (Side) Entrance

Buy a pie for $1 and throw it at your favorite professor (or least favorite)...
No limit on pies- buy as many as you want!
All proceeds will go towards charity.

<table>
<thead>
<tr>
<th>Time</th>
<th>11:00 AM</th>
<th>12:05 PM</th>
<th>1:10 PM</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE</td>
<td>Dr. B Rabideau</td>
<td>Dr. Christy West</td>
<td>Dr. Sean Walker</td>
</tr>
<tr>
<td>CE</td>
<td>Dr. John Clean</td>
<td>Dr. Eric Steward</td>
<td></td>
</tr>
<tr>
<td>EE</td>
<td>Dr. D Touma</td>
<td>Dr. Samuel Russ</td>
<td>Dr. Hulya Kirklci</td>
</tr>
<tr>
<td>ME</td>
<td>Dr. Greg Poole</td>
<td></td>
<td>Dr. Saami Yazdan</td>
</tr>
<tr>
<td></td>
<td>Ms. Nani Perez</td>
<td></td>
<td>Dr. Henry Lester</td>
</tr>
</tbody>
</table>

Prizes for Professors from...

Figure 1. Advertising Sign

Figure 2. Students at event

Figure 3. Faculty being pied
The Tau Beta Pi Association
Chapter Project Report

Project name: Resume Workshop
Date(s) of Project: 11/10/2017

Target Audience:
- Community
- University
- Profession
- Chapter
- Education: Liberal Culture College Profession Engineering Chapter Social Education: Prof Development

Participants in project:
- Members: 3
- Electees: 4
- Students Interviewed: 61

Hours spent on this project:
- Organizing: 15
- Participating: 3

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: Representatives from various local engineering companies were invited to talk with students one-on-one and give resume and interview tips. Students were able to meet with a representative for 30 minutes a session. The following companies participated: Airbus, Evonik, GE Renewable Energy, Hargrove Engineers + Constructors, Huntington Ingalls, Phillips 66, Prism Systems, Thompson Engineering, Volkert.

II. Purpose & Relationship to Objectives of TBΠ: This project assists students in interview techniques and provided opportunities to meet with local companies.

III. Organization & Administration: In conjunction with another group? ☑ Yes ☐ No

IV. Cost & Personnel Requirements: Lunch was provided for companies, funded by the Dean of Engineering.

V. Special Problems: Not all interview slots were assigned, so Tau Beta Pi members were available to fill in.

VI. Overall Evaluation/Results: Companies respond positively to this event, with many company representatives mentioning this is their favorite way to interact with students. Student feedback was very positive with numerous students making employment connections and a couple earned follow up interviews with companies. This event is a major driver of chapter image in the college since it is open to everyone and acquaints them with Tau Beta Pi.

VII. Index of Exhibits: List of Participants, Photos, Interview Schedule
Resume Workshop

**Members**
1. Luis Rodriguez
2. Phiwat Klomkaew
3. Caleb Barlow

**Electees**
1. Logan Gonzalez
2. Nate Fedor
3. Troy Orwin
4. Derek Kelly
<table>
<thead>
<tr>
<th>Time</th>
<th>Name</th>
<th>Major And Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00pm - 1:30pm</td>
<td>Airbus Matthew Posey</td>
<td>ME-Senior</td>
</tr>
<tr>
<td>10:10am - 10:40am</td>
<td>Airbus Nabila Shawki</td>
<td>ECE, MS</td>
</tr>
<tr>
<td>10:50am - 11:20am</td>
<td>Airbus Suhail Alrehaili</td>
<td>Computer engineering, Junior</td>
</tr>
<tr>
<td>11:30am - 12:00pm</td>
<td>Airbus Bryant Baldwin</td>
<td>Mechanical Engineering Sophomore</td>
</tr>
<tr>
<td>12:20pm - 12:35pm</td>
<td>Airbus Hanna Perry</td>
<td>Mechanical Engineering, Junior</td>
</tr>
<tr>
<td>12:40pm - 12:55pm</td>
<td>Airbus Logan Gibbs</td>
<td>Mechanical Engineering - Junior</td>
</tr>
<tr>
<td>1:00pm - 1:30pm</td>
<td>Evonik Sam Mayes</td>
<td>Chemical Engineer and Systems Engineer</td>
</tr>
<tr>
<td>10:10am - 10:40am</td>
<td>Evonik Ashley Bayard</td>
<td>Mechanical Engineering Junior</td>
</tr>
<tr>
<td>10:50am - 11:20am</td>
<td>Evonik Samantha Gunn</td>
<td>Chemical Engineering Junior</td>
</tr>
<tr>
<td>11:30am - 12:00pm</td>
<td>Evonik Noah Grayhek</td>
<td>Chemical engineering sophomore</td>
</tr>
<tr>
<td>1:00pm - 1:30pm</td>
<td>AS Renewable Energy</td>
<td>Monroe Glover</td>
</tr>
<tr>
<td>1:40pm - 2:10pm</td>
<td>AS Renewable Energy</td>
<td>Nate Fedor</td>
</tr>
<tr>
<td>10:10am - 10:40am</td>
<td>AS Renewable Energy</td>
<td>Richard Hughes</td>
</tr>
<tr>
<td>11:30am - 12:00pm</td>
<td>AS Renewable Energy</td>
<td>Glyn Angus-barker</td>
</tr>
<tr>
<td>11:30am - 12:00pm</td>
<td>AS Renewable Energy</td>
<td>Chemical Engineering, Mechanical Engineer</td>
</tr>
<tr>
<td>11:30am - 12:00pm</td>
<td>AS Renewable Energy</td>
<td>Jon Mcquitty</td>
</tr>
<tr>
<td>1:00pm - 1:30pm</td>
<td>Phillips 66 Ashley Bayard</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>1:00pm - 1:30pm</td>
<td>Thompson Engineering</td>
<td>Shahad Salim</td>
</tr>
<tr>
<td>10:10am - 10:40am</td>
<td>Thompson Engineering</td>
<td>Kelly Welsh</td>
</tr>
<tr>
<td>10:50am - 11:20am</td>
<td>Thompson Engineering</td>
<td>Kelsey Welsh</td>
</tr>
<tr>
<td>11:30am - 12:00pm</td>
<td>Thompson Engineering</td>
<td>Brandon Lyman</td>
</tr>
<tr>
<td>10:10am - 10:40am</td>
<td>Thompson Engineering</td>
<td>Dalton Thornburg</td>
</tr>
<tr>
<td>11:30am - 12:00pm</td>
<td>Thompson Engineering</td>
<td>Joshua Strickland</td>
</tr>
<tr>
<td>10:10am - 10:40am</td>
<td>Volkert Derek Kelly</td>
<td>Civil Engineering, Junior</td>
</tr>
<tr>
<td>11:30am - 12:00pm</td>
<td>Volkert Annisetecia</td>
<td>Civil Engineering</td>
</tr>
<tr>
<td>8:50am - 9:20am</td>
<td>Volkert Gerianna</td>
<td>Civil Engineering</td>
</tr>
<tr>
<td>9:30am - 10:00am</td>
<td>Volkert Ifezue Obiako</td>
<td>Civil Engineering</td>
</tr>
</tbody>
</table>
The Tau Beta Pi Association
Chapter Project Report

Project name: П Day
Date(s) of Project: 3/20/18

Target Audience: ☑ Community/ Liberal Culture  ☑ University/ College  ☑ Profession/ Engineering  ☐ Chapter/ Social  ☐ Education: Prof Development

Participants in project: Members: 3  Electees: 5

Hours spent on this project: Organizing: 3  Participating: 3

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: Members celebrated П Day by serving pie at the engineering building. For every piece of pie taken, a student had to attach a digit of pi on to the ‘pi-chain’. This chain will be saved and added to every year so as to start a new tradition. Pi-day was during Spring break so it was celebrated after Spring break.

II. Purpose & Relationship to Objectives of TBΠ: This project promotes science and engineering, and introduces TBΠ as an honorary organization to engineering students.

III. Organization & Administration: In conjunction with another group? ☐ Yes  ☑ No

IV. Cost & Personnel Requirements: Total cost was $70.

V. Special Problems: None.

VI. Overall Evaluation/Results: It was very rewarding to meet with students and advertise TBΠ. Students and faculty had a lot of fun and enjoyed eating free pie.

VII. Index of Exhibits: List of Participants. Photos,

List of Participants

Members
1. Ferrill, Kelsey
2. Phiwat Klomkaew
3. Marine Swanepoel

Electees
1. Brent Greenwald
2. Evan Mazur
3. Austin Meredith
4. Paul Miller
5. Sarah Posey
The Tau Beta Pi Association
Chapter Project Report

Chapter: Alabama Epsilon
Project number: 11
☐ New Project ☒ Old Project

Project name: Engineering Scholars Reception
Date(s) of Project: 2/5/2018

Target Audience: ☒ University/College  ☐ Profession/Engineering  ☐ Chapter/Social  ☒ Education: Prof Development

Participants in project: see attached list
Members: 17  Electees: 0  Others: 13

Hours spent on this project:
Organizing: 2  Participation: 1

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The President of the Tau Beta Pi chapter, Phiwat Klomkaew, attended a reception for engineering students who performed well during the fall 2017 school year. The reception was organized by the College of Engineering. The students in attendance ranged from freshman to juniors. Phiwat congratulated the students on behalf of Tau Beta Pi and discussed the benefits of Tau Beta Pi for the students. Engineering faculty members stressed the importance of undergraduate research to the students, and discussed how that research could be continued into graduate school. Flash drives, with a TBP imprint, were presented to fourteen freshmen for earning 4.0 GPAs the fall semester.

TBP members were invited speakers: Ben Siu, recipient of a Goldwater Scholarship; Mikayla Walters, Tau Beta Pi Fellowship and Gilman Scholarship, and Tau Beta Pi Scholarship recipients: Chad Austin, Olivier Gingras, Phiwat Klomkaew, Yousef Omar, and Ben Siu.

II. Purpose & Relationship to Objectives of TBPI: This event served to promote Tau Beta Pi in two ways. One, it introduced Tau Beta Pi as the premiere honor society for the College of Engineering. It was also an opportunity to promote Tau Beta Pi to high performing freshmen and sophomores who are likely to be eligible for membership.

III. Organization & Administration: In conjunction with another group? ☒ Yes ☐ No College of Engineering

IV. Cost & Personnel Requirements: The cost for each flash drive is $5.90. A larger quantity was ordered in 2013 to receive a discount. These will be available for several more years. Refreshments were provided by the College.

V. Special Problems: Following the reception, the Dean individually distributed the drives to freshmen who were unable to attend the reception.

VI. Overall Evaluation/Results: The event was extremely successful. The Alabama Epsilon Chapter of Tau Beta Pi was able to publicize the society directly to a group of students who are likely to be eligible for membership in the upcoming semesters.

VII. Index of Exhibits: List of Participants, Flash Drive Order Form
Engineering Scholars Reception
List of Participants

Members
1. Chad Austin
2. Mack Bozman
3. Ethan Corbett
4. Michael Cox
5. Slater Dozier
6. Olivier Gingras
7. Christopher Harrison
8. Tristan Hunt
9. Phiwat Klomkaew
10. Yousef Omar
11. Allie Powers
12. Luis Rodriguez Reveles
13. Ben Siu
15. Thomas Stubblefield
16. Mikayla Walters
17. Michael Weinzirl

Others
1. Jordan Blackmon
2. Hanna Bobinger
3. Yohan Casiraghi
4. Henry Clark
5. Brianna Cunningham
6. Brandon Holmes
7. Briley Graves
8. Matthew Johnson
9. Grant Parker
10. Clayton Suell
11. Alejandro Tovar
12. Seth Young
13. Christopher Ferry

Flash Drive Order Form
The Tau Beta Pi Association
Chapter Project Report

Project name: Leadership Workshop
Date(s) of Project: 8/26/2017

Target Audience: 
- University/College
- Profession/Engineering
- Education: Prof Development

Participants in project: 
Members: 6  Electees: 6  Others: 11

Hours spent on this project:  
Organizing: 4  Participating: 5

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: Dr. Steward presented a very informative and interactive workshop to leaders in the engineering student community. The engineering organizations on campus were invited to send representatives to attend the workshop. Door prizes were awarded as incentives for student leaders to attend: USA backpack, gift cards, movie tickets.

II. Purpose & Relationship to Objectives of TBΠ: This project assists students in their ability to becoming prominent leaders in the engineering community both inside and outside the university.

III. Organization & Administration: In conjunction with another group? Yes  No

IV. Cost & Personnel Requirements: Lunches were paid by the Dean’s office and members solicited door prizes from local merchants.

V. Special Problems: None

VI. Overall Evaluation/Results: Everyone enjoyed the workshop from beginning to end. The chapter will conduct the workshop annually.

VII. Index of Exhibits: Participants, Photo, List of Participating Organizations
Resume Workshop

List of Participants

Members
1. Caleb Barlow
2. Mack Bozman
3. Arianjel Hernandez
4. Benjamin Siu
5. Tyler Tow
6. Dr. Steward

Electees
1. Brandon Shurden
2. Tanner Hickman
3. Michael Weinzirl
4. Ajay Pedadda
5. Ashleigh Moore
6. Kelly Welsh

Others
1. Blake Baldwin
2. Bryant Baldwin
3. Ben Burton
4. Hunter Channell
5. Taylor Conatser
6. Amanda Green
7. Paul Kossik
8. Maya Mitchell
9. Jonah Phillips
10. Milton Tompkins
11. Lauren Walker

Figure 1. Workshop Attendees

Organizations in Attendance
1. Tau Beta Pi
2. American Institute of Chemical Engineers
3. American Society of Civil Engineers
4. Biomedical Engineering Society
5. Design, Build, Fly
6. Institute of Electrical and Electronics Engineers
7. National Society of Black Engineers
8. Society of Military Engineers
9. Society of Women Engineers
10. Institute of Transportation Engineers
11. American Chemical Society
12. Community Outreach in Math Engineering and Technology
The Tau Beta Pi Association
Chapter: Alabama Epsilon
Project number: 13
☑ New Project □ Old Project

---

Project name: Research Seminar Introductions
Date(s) of Project: Spring 2018

Target Audience: ☑ Community
☑ Liberal Culture
 ☐ University
 ☑ College
 ☐ Profession
 ☑ Engineering
 ☐ Chapter
 ☐ Social
 ☑ Education
 ☑ Prof Development

Number of persons who participated in this project.
Members: 3
Electees: 0

Hours spent on this project.
Organizing: 1
Participation: 1

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The College of Engineering organizes research seminars for faculty and students (mostly graduate). Presentations are on specific engineering research areas as well as general topics. Tau Beta Pi members introduce the speakers and pick up food for the noon time seminars.

II. Purpose & Relationship to Objectives of TBPi: These seminars promote research and introduces college students and faculty to emerging research topics.

III. Organization & Administration: In conjunction with another group? ☑ Yes ☐ No
A mechanical faculty member, Dr. Dhananjay Tambe, organizes the seminars. The college advertizes the seminars and pays for the food.

- Mar 1 Mikayla Walters / Joshua Deal, Speaker
- Mar 15 Tristen Higginbotham / Dr. Clive Woods, Speaker
- Apr 5 Megan Bunge / Dr. Grant Glover, Speaker

IV. Cost & Personnel Requirements: Pizza and drinks were purchased.

V. Special Problems: Dr. Tambe requested Tau Beta Pi students to provide the introductions, with the intent of getting more Tau Bates to attend the seminar. However, the Seminars coincided with chapter meetings, so increased attendance did not result. Next fall, the seminar time will be coordinated with chapter meeting times.

VI. Overall Evaluation/Results: The Research Seminars are beneficial to a wide audience, and are often attended by faculty outside the engineering college and by people from the community.

VII. Index of Exhibits: None
DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The Order of the Engineer ceremonies were held in conjunction with graduation at the University of South Alabama. Tau Bates helped set up for the ceremony, greeted the guests, and arranged and directed graduates before and during the ceremony. The Order of the Engineer was established in the United States to foster a spirit of pride, individual integrity and responsibility in the engineering profession, to bridge the gap between training and practice, and to present to the public a visible symbol (ring) identifying the engineer. It parallels the Canadian Order of the Iron Ring. Several graduating members also participated in the ceremony.

II. Purpose & Relationship to Objectives of TBPi: The objectives of the Order of the Engineer align with the exemplary character requirement for membership in Tau Beta Pi. Tau Bates must exhibit integrity of character, which includes honor and high standards of truth and justice.

III. Organization & Administration: In conjunction with another group? ☑ Yes ☐ No The event was in conjunction with the University of South Alabama.

IV. Cost & Personnel Requirements: Tau Beta Pi members are required for guest greeting, lining up graduates in order of the program, and for ushering.

V. Special Problems: None

VI. Overall Evaluation/Results: Graduating seniors, MS candidates and professional engineers in the community participated in the ceremony. Families and friends were also invited.

VII. Index of Exhibits: Participant List, Photos
### Members

1. Austin, Chad
2. Barlow, Caleb D.
3. Boshell, Timothy S.
4. Brown, Bobbi I.
5. Buie, Angela
6. Butler, Kenneth D.
7. Cooper, Kevin
8. Dunston, Derek L.
9. Durham, Anthony
10. Ferrill, Kelsey
11. Frangos, Katherine E.
12. Gingras, Olivier
13. Greenwald, Brent E.
14. Harden, Gunnar D.
15. Harrison, Christopher D.
16. Hernandez, Arianjel F.
17. Higginbotham, Tristen A.
18. Hunt, Tristan
19. Jordan, Christopher S.
20. Klomkaew, Phiwat
21. Koepp, Keith M.
22. Koichi, Ashley N.
23. Mallonee, Mason D.
24. McGehee, Jimmie L.
25. Miller, Eric J.
26. Miskel, Anniestacia M.
27. Moran, Charles R.
28. Morrison, Jesse
29. Mullek, Anthony
30. Murry, Bradford M.
31. Omar, Yousef
32. Ortiz, Marco
33. Phillips, Jonah B.
34. Pittman, Christopher B.
35. Reiss, Joshua P.
36. Rodriguez Reveles, Luis E.
37. Scoper, Preston W.
38. Shaw, Daniel
39. Siu, Benjamin
40. Smith, Connie N.
41. Smith, Luke D.
42. Stubblefield, Thomas H.
43. Tatman, William S.
44. Thornburg, Dalton E.
45. Tow, Tyler K.
46. Young, Kyle L.

### Ushers

1. Brown, Amanda
2. Bassler, Lauren
3. Moore, Ashleigh

### Volunteers

1. Echegaray-Resto, Paola
2. Miller, Joseph
The Tau Beta Pi Association
Chapter Project Report

Project name: High School Recruitment Calls
Date(s) of Project: May 2018

Target Audience:
- Community
- University
- Profession
- Chapter
- Education:
  - Liberal Culture
  - College
  - Engineering
  - Social
  - Prof Development

Participants in project: See attached list
Members: 46   Electees: 0

Hours spent on this project:
Organizing: 2   Participating: 2

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The Engineering Dean asks the chapter to call high school seniors who have been awarded scholarships, but have not yet accepted, in an effort to help recruit these students to study engineering at The University of South Alabama. Tau Bates volunteered to contact these scholarship recipients and talk with them about USA’s engineering program and give them information about Tau Beta Pi. Tau Bates also called highly qualified students that have accepted their scholarships.

II. Purpose & Relationship to Objectives of TBΠ: The project was initiated to encourage high school graduates to attend the Engineering College at South Alabama.

III. Organization & Administration: In conjunction with another group? □ Yes   ☒ No
   The list of scholarship winners was obtained from the Admissions office and assigned to Tau Bates, matched by majors and hometowns. A script was generated to use in the calls. (See attached script). Fewer students, with higher ACT scores, were targeted to reduce the time commitment for each member.

IV. Cost & Personnel Requirements: None

V. Special Problems: The University recently changed the scholarship process, as well as the number of scholarships, which has doubled the number of scholarships awarded to incoming students. Students no longer “apply” for scholarships, but automatically receive a scholarship based on ACT scores. This has resulted in a much larger number of students not accepting their scholarships and others not enrolling at USA. Therefore the calls by TBΠ members are extremely helpful in the recruiting process.

VI. Overall Evaluation/Results: As of the end of March, 416 high school seniors had been offered scholarships to the University of South Alabama, in the college of engineering, and 210 of these students had not accepted the scholarship. After Tau Beta Pi members made calls to 40 of these students (ACT ≥ 28), 4 additional high school seniors (10 %) accepted the awarded scholarships and will start at USA in the fall. This result is consistent with previous years. Tau Bates also made calls to 40 students (with ACT ≥ 30), who have accepted their scholarships, to encourage these students to enroll at USA in the fall.
### High School Recruitment Calls

**List of Participants**

<table>
<thead>
<tr>
<th>Members</th>
<th>1. Boshell, Timothy S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Brown, Amanda S.</td>
<td></td>
</tr>
<tr>
<td>3. Butler, Kenneth D.</td>
<td></td>
</tr>
<tr>
<td>4. Butt Jr., David A.</td>
<td></td>
</tr>
<tr>
<td>5. Carithers, Collin R.</td>
<td></td>
</tr>
<tr>
<td>6. Cooper, Kevin</td>
<td></td>
</tr>
<tr>
<td>7. Cox III, Michael R.</td>
<td></td>
</tr>
<tr>
<td>8. Davis, Charles</td>
<td></td>
</tr>
<tr>
<td>9. Ferguson, Alexander</td>
<td></td>
</tr>
<tr>
<td>10. Ferrill, Kelsey</td>
<td></td>
</tr>
<tr>
<td>11. Gunn, Samantha D.</td>
<td></td>
</tr>
<tr>
<td>12. Harden, Gunnar D.</td>
<td></td>
</tr>
<tr>
<td>13. Harper, Andrew L.</td>
<td></td>
</tr>
<tr>
<td>14. Harville, Christopher D.</td>
<td></td>
</tr>
<tr>
<td>15. Higginbotham, Tristen A.</td>
<td></td>
</tr>
<tr>
<td>16. Horstman, Marissa A.</td>
<td></td>
</tr>
<tr>
<td>17. Hunt, Tristan</td>
<td></td>
</tr>
<tr>
<td>18. Johnson III, Christopher W.</td>
<td></td>
</tr>
<tr>
<td>19. Joiner, Tyler M.</td>
<td></td>
</tr>
<tr>
<td>20. Jordan, Christopher S.</td>
<td></td>
</tr>
<tr>
<td>21. Kelly, Derek L.</td>
<td></td>
</tr>
<tr>
<td>22. Klomkaew, Phiwat</td>
<td></td>
</tr>
<tr>
<td>23. Mallonee, Mason D.</td>
<td></td>
</tr>
<tr>
<td>24. Massey, Spencer K.</td>
<td></td>
</tr>
<tr>
<td>25. Mazur, Evan M.</td>
<td></td>
</tr>
<tr>
<td>26. Moore, Ashleigh F.</td>
<td></td>
</tr>
<tr>
<td>27. Moran, Charles R.</td>
<td></td>
</tr>
<tr>
<td>28. Morris, Michael</td>
<td></td>
</tr>
<tr>
<td>29. Morrison, Jesse</td>
<td></td>
</tr>
<tr>
<td>30. Murry, Bradford M.</td>
<td></td>
</tr>
<tr>
<td>31. Nelson, Tobin</td>
<td></td>
</tr>
<tr>
<td>32. Phillips, Jonah B.</td>
<td></td>
</tr>
<tr>
<td>33. Pittman, Christopher B.</td>
<td></td>
</tr>
<tr>
<td>34. Posey, Sarah P.</td>
<td></td>
</tr>
<tr>
<td>35. Powers, Allie M.</td>
<td></td>
</tr>
<tr>
<td>36. Riede, Jason F.</td>
<td></td>
</tr>
<tr>
<td>37. Rodriguez Reveles, Luis E.</td>
<td></td>
</tr>
<tr>
<td>38. Scoper, Preston W.</td>
<td></td>
</tr>
<tr>
<td>39. Shurden, Brandon R.</td>
<td></td>
</tr>
<tr>
<td>40. Siu, Benjamin</td>
<td></td>
</tr>
<tr>
<td>41. Smith, Luke D.</td>
<td></td>
</tr>
<tr>
<td>42. Strong, Nicholas B.</td>
<td></td>
</tr>
<tr>
<td>43. Stubblefield, Thomas H.</td>
<td></td>
</tr>
<tr>
<td>44. Thornburg, Dalton E.</td>
<td></td>
</tr>
<tr>
<td>45. Weeks, Samuel</td>
<td></td>
</tr>
<tr>
<td>46. Young, Kyle L.</td>
<td></td>
</tr>
</tbody>
</table>
Calling Script

Hello, may I speak to ________________

This is ___________________. I am from the University of South Alabama, and I am calling because you have received a scholarship to attend the university. I am a _______ engineering student at South and a member of the engineering honor society, Tau Beta Pi, which recognizes junior and senior students for distinguished scholarship and exemplary character. (If it is relevant, tell the student where you are from/high school).

I would like to congratulate you on this wonderful achievement. You (and your parents) are invited to join us at our annual Awards Luncheon on Friday, April 27. I hope that you are planning to attend. Members of Tau Beta Pi will be giving tours of the college, beginning at 10:30; you will also be able to talk to us about South and our experiences in the college. To RSVP (before April 23) call Ronda at 460-6140.

If you haven’t already accepted your scholarship, you need to do so immediately so you can sign up for an Orientation Session this summer. At this session you will be able to register for your courses; the sooner you attend a session the more choices you will have for courses.

If you are not planning to attend USA, then you should decline your scholarship ASAP so that other deserving students can have these opportunities.

Do you have any questions about the college of engineering?

If they don’t have any questions, you can get the ball rolling by talking about:

- Why you selected South
- Organizations that you are involved with
- Internships / coop positions that you have held
- Undergraduate research that you are doing

...

Can I tell you anything about the University or about studying engineering?

Would you like to visit USA? You can set up an individual visit: Call the Dean’s Office at 251-460-6140.

I enjoyed talking with you and hope to see you on campus in the fall, and as a new member of Tau Beta Pi three years from now.
The Tau Beta Pi Association  
Chapter: Alabama Epsilon 
Project number: 16 
[☐ New Project ☒ Old Project]

Project name: Incoming Freshman Tours  
Date(s) of Project: 4/27/2018

Target Audience:  
☒ Community/ Liberal Culture  
☒ University/ College  
☒ Profession/ Engineering  
☐ Chapter/ Social  
☒ Education: Prof Development

Participants in project:  
Members: 5  
Electees: 0

Hours spent on this project:  
Organizing: 2  
Participating: 2

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: This is a chance to show incoming freshmen Shelby Hall and answer their questions. Their parents were also present for this tour, so we were able to answer their questions as well.

II. Purpose & Relationship to Objectives of TBΠ: The purpose is to assist the college in recruiting outstanding incoming freshmen to the college, make them feel welcome, and expose them to an engineering education.

III. Organization & Administration: In conjunction with another group?  ☐ Yes ☒ No  
High school students, who have been awarded scholarships, and their parents are invited to an Awards Luncheon and to tours of the college prior to the Luncheon. The students were grouped by intended major and Tau Bates conducted guided tours of the facilities and each of the departments of the College of Engineering. Various faculty members were introduced to the incoming freshmen and their parents. Many labs were toured throughout the engineering building. Freshmen and parents had opportunities to ask questions and the Tau Bate tour guides were able to give their advice to the incoming freshmen and motivate them to start their academic career strongly.

IV. Cost & Personnel Requirements: The luncheon was funded by the college.

V. Special Problems: The students and parents arrived at staggered times, making it difficult to group them by majors.

VI. Overall Evaluation/Results: Twenty incoming freshmen students attended the presentation, along with 30 family members. Everyone had positive comments and were excited about attending the university. The parents were pleased with the warm reception.

VII. Index of Exhibits: List of Participants, Photos
Incoming Freshman Presentation and Tour
List of Participants

Members

1. Sarah “Peyton” Posey  
2. Phiwat Klomkaew  
3. Benjamin Siu  
4. Tristen Higginbotham  
5. Kelly Welsh

Figure 1: Dr. Sally Steadman (TBP faulty advisor), Peyton Posey, Benjamin Siu, and Dean Steadman introducing themselves to the incoming freshmen and parents before the tours.

Figure 2: Peyton Posey and Phiwat Klomkaew at the awards luncheon following the tours.
The Tau Beta Pi Association
Chapter Project Report

Project name: College of Engineering Awards Luncheon
Date of Project: 4/27/2018

Target Audience:  
- Community/ Liberal Culture
- University/ College
- Profession/ Engineering
- Chapter/ Social
- Education: Prof Development

Participants in project: See attached list
Members: 38  Electees: 0

Hours spent on this project:
Organizing: 4  Participating: 2

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The College of Engineering Recognition & Awards Luncheon is organized annually to recognize students, faculty, engineering professionals, and college donors. Personnel in the Engineering Dean’s Office organize the Luncheon. Scholarship award winners are recognized along with company representatives and individual contributors to the scholarship funds. The University President and other administrators attend the luncheon, as well as the College's Industry Advisory Board. Tau Bates served as greeters for the guests and also as table hosts for the incoming scholarship students and their families.

II. Purpose & Relationship to Objectives of TBII: The luncheon is an opportunity to promote the study of engineering and the university to high school students, who have been awarded scholarships to attend the university.

III. Organization & Administration: In conjunction with another group?  
- Yes
- No

The College of Engineering organized the event.

IV. Cost & Personnel Requirements: Over $2000, funded by the College of Engineering.

V. Special Problems: None

VI. Overall Evaluation/Results: The Luncheon was well attended. Many of the TBII members in attendance were recognized as outstanding students and many received scholarships, including the College of Engineering’s student of the year award. Ben Siu was recognized as the College of Engineering Student of the Year and Phiwat Klomkaew as a national TBP Fellowship awardee.

VII. Several incoming freshman and their parents commented that they really enjoyed talking about college life with current students.

VIII. Index of Exhibits: Photos, List of Participants
Figure 1. Students and Engineering Professionals

Figure 2. Department Chair Karl Knopf congratulating Phiwat Klomkaew for TBP Fellowship

Figure 3. Dean John Steadman congratulating Ben Siu as Student of the Year.
Engineering Awards Luncheon
List of Participants

Members

1. Jann Kyle Atienza
2. Chad Austin
3. Caleb Barlow
4. Lauren Bassler
5. Cruise Blackwell
6. Bobbi Brown
7. Amanda Brown
8. Collin Carithers
9. Ethan Corbett
10. Grant Davis
11. Jacob Deal
12. Olivier Gingras
13. Logan Gonzalez
14. Samantha Gunn
15. Gunnar Harden
16. Christopher Harrison
17. Tristen Higginbotham
18. Derek Kelly
19. Phiwat Klomkaew
20. Ashley Koichi
21. Evan Mazur
22. Brittany McMillian
23. Austin Meredith
24. Anniestacia Miskel
25. Bradford Murry
26. Tobin Nelson
27. Yousef Omar
28. Sarah Posey
29. Paxton Reiss
30. Luis Rodriguez
31. Benjamin Siu
32. Nicholas Strong
33. Thomas Stubblefield
34. Marina Swanepoel
35. Seth Tatman
36. Samuel Weeks
37. Michael Weinzirl
38. Kelly Welsh
**The Tau Beta Pi Association**  
Chapter Project Report

---

**Project name:** (Engaging Youth in Engineering) Boys & Girls Club  
**Date(s) of Project:** 9/20/17-12/1/17 & 3/2/2018-5/5/2018

---

**Target Audience:**  
Community/University/Profession/Chapter/Education: Liberal Culture/College/Engineering/Social/Prof Development

---

**Participants in project:**  
Members: 2 Initiates: 12

---

**Hours spent on this project:**  
Organizing: 3 Participating: 2

---

**DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION**

I. **General Description:** EYE is a “workforce and economic development initiative to bring relevance to the K-12 mathematics and science curriculum and to inspire, engage, and prepare elementary and middle school students to take the coursework needed to support the growing demand for highly skilled and technology-savvy workers for the aerospace, shipbuilding and other industries located in the Mobile area.”

Throughout the school year, science modules are conducted as challenges for middle school students in the Mobile schools.


TBPII members assisted with the following modules:

- **Harnessing the Wind Module** for 6th graders with the Semmes and Kiwanis Boys and Girls Club during the fall semester. Students work as engineering design teams to design and create blade assemblies for a wind turbine. They use voltmeters to determine how many volts of electricity their design produces. In math, they learn about variables that affect the amount of electricity generated by wind turbines and study data to decide on a location for a wind farm. Volunteers are needed when students are creating and testing their designs.

- **Let’s Get Moving Module** for 6th graders with the Semmes and Kiwanis Boys and Girls Club during the fall semester. Students emulate the work of real-world mechanical engineers who push the limits of vehicle design students follow the engineering design process to design a series of increasingly sophisticated prototypes for a fast, jet-powered, ground-based vehicle that will move in a straight line. Student engineers learn how they can use distance versus time graphs to help them evaluate their vehicles’ performance. Students also use a growing awareness of the Laws of Motion to analyze the forces that
strongly influence the operation of their vehicles. Volunteers are needed when students are creating and testing their designs.

II. Purpose & Relationship to Objectives of TBΠ: This project was performed to foster interest in engineering by hands on learning. Middle school students were exposed to engineering concepts and were given encouragement to succeed as a college student. This project aligns directly with TBΠ’s K-12 Initiatives.

III. Organization & Administration: In conjunction with another group? ☑ Yes ☐ No
EYE is funded through a grant from the National Science Foundation.

IV. Cost & Personnel Requirements: None

V. Special Problems: None

VI. Overall Evaluation/Results: The students showed great interest in the demonstrations. They asked questions when concepts were not understood.

VII. Index of Exhibits: List of Participants, Photos

List of Participants

<table>
<thead>
<tr>
<th>Members</th>
<th>Electees</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Mack Bozman</td>
<td>1. Lauren Bassler</td>
</tr>
<tr>
<td>2. Kelsey Ferrill</td>
<td>2. Samantha Gunn</td>
</tr>
<tr>
<td></td>
<td>3. Michael Weinzirl</td>
</tr>
<tr>
<td></td>
<td>4. Mason Mallonee</td>
</tr>
<tr>
<td></td>
<td>5. Marissa Horstman</td>
</tr>
<tr>
<td></td>
<td>6. Ifezue Obiaku</td>
</tr>
<tr>
<td></td>
<td>7. Ajay Peddada</td>
</tr>
<tr>
<td></td>
<td>8. Dalton Thornburg</td>
</tr>
<tr>
<td></td>
<td>9. Bikash Ranabhat</td>
</tr>
<tr>
<td></td>
<td>10. William Tatman</td>
</tr>
<tr>
<td></td>
<td>11. Logan Gonzales</td>
</tr>
<tr>
<td></td>
<td>12. Nate Fedor</td>
</tr>
</tbody>
</table>
EYE Boys & Girls Clubs
The Tau Beta Pi Association
Chapter Project Report

Project name: BEST Robotics Competition
Date(s) of Project: 10/26/2016-10/28/2017

Target Audience: ☑ Community/ Liberal Culture  ☑ University/ College  ☑ Profession/ Engineering  ☐ Chapter/ Social  ☐ Education/ Prof Development

Participants in project: Members: 2  Electees: 20

Hours spent on this project: Organizing: 1  Participating: 5

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: BEST Robotics, LLC is a non-profit, volunteer-based organization whose mission is to inspire students to pursue careers in engineering, science, and technology through participation in a sports-like, science and engineering-based robotics competition. Tau Bates volunteered for the BEST Robotics competition, and also served as judges for the engineering notebook competition, exhibit booth competition, spirit competition, and the gameday competition. The competition was held at the University of South Alabama’s campus.

II. Purpose & Relationship to Objectives of TBΠ: This project was performed to foster interest in engineering through hands on learning and aligns with TBΠ’s K-12 Initiatives.

III. Organization & Administration: In conjunction with another group? ☑ Yes  ☐ No The BEST Robotics competition is coordinated by Jubilee BEST, directed by Robin Fenton. Teams were recruited for the workshop by BEST.

IV. Cost & Personnel Requirements: None

V. Special Problems: None

VI. Overall Evaluation/Results: The competition was successful. Tau Bates volunteered as judges the competition which included nearly 40 regional schools. The competition was a lot of fun, and created an environment to encourage students to pursue careers in engineering, science, and technology.

VII. Index of Exhibits: List of Participants, Photos
BEST Robotics Competition
List of Participants

Members
1. Mikayla Walters
2. Kenny Trinh (alumni)

Electees
1. Cruise Blackwell
2. Collin Carithers
3. Ethan Corbett
4. Michael Cox
5. Slater Dozier
6. Logan Gonzalez
7. Drew Harper
8. Chris Harville
9. Tanner Hickman
10. Tristen Higginbotham
11. Derek Kelly
12. Spencer Massey
13. Jimmie McGehee
14. Nghia Huynh
15. Jonah Phillips
16. William Pimperl
17. Allie Powers
18. Brandon Shurden
19. Michael Weinzirl
20. Kyle Young

Figure 1. BEST Director, Robin Fenton meeting with chapter to discuss volunteer opportunities

Figure 2. Notebook judges
The Tau Beta Pi Association
Chapter Project Report

Project name: BEST Robotics Design Workshop
Date(s) of Project: 3/1/2018

Target Audience: ☑ Community/
Liberal Culture ☑ University/
College ☑ Profession/
Engineering ☐ Chapter/
Social ☐ Education/
Prof Development

Participants in project:  
Members: 3  Electees: 0
Christopher Harville, Allie Powers, Ethan Corbett, Tucker Boshell

Hours spent on this project:  
Organizing: 1  Participating: 2

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: BEST Robotics, LLC is a non-profit, volunteer-based organization whose mission is to inspire students to pursue careers in engineering, science, and technology through participation in a sports-like, science and engineering-based robotics competition. The competition is held at the University of South Alabama’s campus.

Tau Bates developed the Design Workshop for students to learn about brainstorming techniques, competition rules, and building strategies. Teams from underperforming schools were invited to the workshop, which was held in the off-season.

II. Purpose & Relationship to Objectives of TBΠ: This project was performed to foster interest in engineering through hands on learning and aligns with TBΠ’s K-12 Initiatives.

III. Organization & Administration: In conjunction with another group? ☑ Yes ☐ No
The BEST Robotics competition is coordinated by Jubilee BEST, directed by Robin Fenton. Teams were recruited for the workshop by BEST.

IV. Cost & Personnel Requirements: None

V. Special Problems: None

VI. Overall Evaluation/Results: The workshop was successful. Around 20 schools sent students to attend the workshop. They helped the students effectively brainstorm ideas and gave different ideas to the competition teams. The workshop and competition were a good means to encourage students to pursue careers in engineering, science, and technology.

The judges saw a marked improvement in the ability of robots in the off-season competition.
**The Tau Beta Pi Association**  
Chapter Project Report

<table>
<thead>
<tr>
<th>Project name: BEST Robotics Documentation Workshop</th>
<th>Date(s) of Project: 9/27/17</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Target Audience:</th>
<th>Community/ Liberal Culture</th>
<th>University/ College</th>
<th>Profession/ Engineering</th>
<th>Chapter/ Social</th>
<th>Education/ Prof Development</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Participants in project:</th>
<th>Members: 5</th>
<th>Electees: 0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phiwat Klomkaew, Benjamin Siu, Kenny Trinh (alumni), Katherine Tootle (alumnae), Mikayla Walters</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hours spent on this project:</th>
<th>Organizing: 1 hours</th>
<th>Participating: 2 hours</th>
</tr>
</thead>
</table>

**DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION**

I. General Description: BEST Robotics, LLC is a non-profit, volunteer-based organization whose mission is to inspire students to pursue careers in engineering, science, and technology through participation in a sports-like, science and engineering-based robotics competition. The competition was held at the University of South Alabama’s campus.

Tau Bates, who assisted with the notebook judging last year, helped with the Documentation Workshop, where competing schools learned about professional writing styles, citations, and format for the notebook portion of the competition. The teams then met one on one with Tau Bates for suggestions on improving documentation.

II. Purpose & Relationship to Objectives of TBΠ: This project was performed to foster interest in engineering through hands on learning and aligns with TBΠ’s K-12 Initiatives.

III. Organization & Administration: In conjunction with another group? ☒ Yes ☐ No

The BEST Robotics competition is coordinated by Jubilee BEST, directed by Robin Fenton. Teams were recruited for the workshop by BEST.

IV. Cost & Personnel Requirements: None

V. Special Problems: None

VI. Overall Evaluation/Results: The workshop was successful. Around 20 schools sent students to attend the workshop. Tau Bates helped volunteer and give different ideas to the competition teams. They also helped teach the students about how to effectively brainstorm ideas. The workshop and competition were a good means to encourage students to pursue careers in engineering, science, and technology.

The notebook judges commented on the improvement in the documentation, noting the impact of the workshop on competition materials.
The Tau Beta Pi Association
Chapter Project Report

Project name: BEST Robotics Club Mentors
Date(s) of Project: 10/09/17-10/28/2017

Target Audience: ☒ Community/ Liberal Culture  ☒ University/ College  ☒ Profession/ Engineering  ☐ Chapter/ Social  ☐ Education/ Prof Development

Participants in project: Members: 2  Electees: 0

Hours spent on this project: Organizing: 1  Participating: 12

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: BEST Robotics, LLC is a non-profit, volunteer-based organization whose mission is to inspire students to pursue careers in engineering, science, and technology through participation in a sports-like, science and engineering-based robotics competition. Tau Bates helped mentor the Calloway-Smith Middle School BEST Robotics Team in their journey through this year’s BEST Robotics Competition.

II. Purpose & Relationship to Objectives of TBPI: This project was performed to foster interest in engineering through hands on learning and aligns with TBPI’s K-12 Initiatives.

III. Organization & Administration: In conjunction with another group? ☐ Yes  ☒ No

IV. Cost & Personnel Requirements: None

V. Special Problems: None

VI. Overall Evaluation/Results: The mentoring was successful. The middle school students were taught basic engineering concepts and design principles, which assisted them in designing their robot. The mentoring program is an avenue to increase interest in engineering during primary education. Moving forward, there should be an increase in participation of Tau Bates across multiple schools to increase the impact we as Tau Beta Pi can make on our local communities.

VII. Index of Exhibits: Photos, List of Participants
Figure 1: Tau Beta Pi Member Chris Harville working with the Robot Design group at Calloway-Smith Middle School

List of Participants

Members

1. Chris Harville
2. Allie Powers
**The Tau Beta Pi Association**

**Chapter Project Report**

---

**Project name:** E-Week Engineering Open House  
**Date(s) of Project:** 2/22/2018

---

**Target Audience:**  
- Community  
- University  
- Profession  
- Chapter  
- Education:  
  - Liberal Culture  
  - College  
  - Engineering  
  - Social  
  - Prof Development

---

**Participants in project:** See attached list  
**Members:** 11  
**Electees:** 4  
**Others:** 2

---

**Hours spent on this project:**  
- Organizing: 2  
- Participating: 3

---

**DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION**

I. General Description: An annual Open House is conducted for local middle school students in conjunction with Engineers Week. Tours and demonstrations are given to nearly 800 middle school students from schools in two local counties.

II. Purpose & Relationship to Objectives of TBΠ: The purpose of this program is to advance the engineering profession and further interest in engineering careers.

III. Organization & Administration: In conjunction with another group?  
- Yes  
- No  

E-Week is sponsored by the engineering student council. The Open House is coordinated by the Dean's Office. Tau Bates served as tour guides and also assist faculty with individual demonstrations.

IV. Cost & Personnel Requirements: Forty volunteers are required for the various tasks.

V. Special Problems: None

VI. Overall Evaluation/Results: The tours and demonstrations were all very successful. The students learned about different fields of engineering in a fun learning environment.

VII. Index of Exhibits: Photos, List of Participants
List of Participants

Members
1. Angela Bui
2. Ethan Corbett
3. Slater Dozier
4. Katherine Frangos
5. Tristen Higginbotham
6. Phiwat Klomkaew
7. Anniestacia Miskel
8. Yousef Omar
9. Ajay Peddada
10. Ben Siu
11. Marina Swanepoel

Electees
12. Amanda Brown
13. Michael Cox
14. Evan Mazur
15. Kelly Welsh

Others
16. Delane Caldwell
17. Syed Bokhari

Figure 1. Demonstration in Soils Lab

Figure 2. Tour group with guide Evan Mazur
The Tau Beta Pi Association  
Chapter Project Report  

Project name: MathCounts (District Competition)  
Dates of Project: 2/24/2018

Target Audience:  
- Community/  
- University/  
- Profession/  
- Chapter/  
- Education:  
  - Liberal Culture  
  - College  
  - Engineering  
  - Social  
  - Prof Development

Participants in project:  
- Members: 5  
- Electees: 1

Members:  Caleb Barlow, Angela Bui, Logan Gonzales, Christopher Harrison, Jimmie McGehee  
Electee:  Ashleigh Moore

Hours spent on this project:  
- Organizing: 1  
- Participating: 4

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION:

I. General Description: The MathCounts competition is sponsored by the National Society of Professional Engineers to interest middle school students in the engineering profession. The Tau Beta Pi members who volunteered served as graders for the MathCounts tests.

The students completed in individual Rounds 1 and 2, a Team Round, and an Exhibition Round. Rounds 1 and 2 consisted of 40 math problems each. After the completion of each round, the packets were graded against an answer sheet and the scores for member and the cumulative score for each team were recorded. The exhibition round was completed by the top 10 students. The top school and top students were awarded trophies and plaques.

II. Purpose & Relationship to Objectives of Tau Beta Pi: The purpose of this project is to promote STEM education, aid in the advancement of extracurricular education, and to inform potential engineering students about the College of Engineering at the University of South Alabama.

III. Organization & Administration: In conjunction with another group?  
- Yes  
- No

The competition was organized by the Mobile Chapter of the Alabama Society of Professional Engineering, and Tau Beta Pi volunteers served as graders.

IV. Cost & Personnel Requirements: Tau Beta Pi members serve as graders

V. Special Problems: None

VI. Overall Evaluation/Results: This experience was great for both Tau Beta Pi members and the MathCounts students. The students were encouraged to learn more about mathematics and everyone received lunch.
The Tau Beta Pi Association
Chapter: Alabama Epsilon
Project number: 25
☑ New Project ☐ Old Project

Project name: Science Olympiad
Date(s) of Project: 3/3/201

Target Audience:
☒ Community/ Liberal Culture
☒ University/ College
☐ Profession/ Engineering
☐ Chapter/ Social
☒ Education: Prof Development

Number of persons who participated in this project.
Members: 1    Electees: 6

Hours spent on this project.
Organizing: 4    Participation: 4

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: Middle and high school students from Mobile and Baldwin counties competed in the 2018 Alabama Science Olympiad regional tournament on the USA campus. This year’s theme was “Exploring the World of Science.” Students compete in a variety of hands-on science events. The Alabama Epsilon chapter conducted the Towers Event. In this event, high school and middle school teams built a wooden structure that was to hold the maximum weight with the minimum amount of material.

The Alabama Epsilon chapter followed guidelines provided by Science Olympiad.

II. Purpose & Relationship to Objectives of TBΠ: This event allowed Tau Beta Pi to show their enthusiasm for engineering to future engineers.

III. Organization & Administration: In conjunction with another group? ☒ Yes ☐ No
This event was organized and coordinated by the university’s Office of Undergraduate Research.

IV. Cost & Personnel Requirements: None

V. Special Problems: None.

VI. Overall Evaluation/Results: Running the Science Olympiad event was successful in terms of following procedures and enforcing rules.

VII. Index of Exhibits: List of Participants

List of Participants

Members
1. Derek Kelly

Electees
1. Paul Miller
2. Sarah Posey
3. Amanda Brown
4. Brent Greenwald
5. Michael Cox
6. Marshall Hayden
Project name: Mobile Regional Science & Engineering Fair  
Date(s) of Project: 3/16/2018

Target Audience: ✓ Community/  
Liberal Culture   ✓ University/   ✓ Profession/  
College  Engineering  
☐ Chapter/  
Social  ☐ Education: 
Prof Development

Participants in project: 
Members: 7  Electees: 6

Hours spent on this project: 
Organizing: 5  Participating: 3

I. General Description: The Mobile Regional Science & Engineering Fair was held at the University of South Alabama. TBP members assisted with registration, set up tables for the event, led tours of campus programs, and also helped judge the student projects. The competing high school and middle school students were encouraged to investigate careers in science and engineering.

II. Purpose & Relationship to Objectives of TBΠ: This project promotes science and engineering as well as higher education. This relates to Tau Beta Pi’s K-12 initiative.

III. Organization & Administration: In conjunction with another group? ☐ Yes ✓ No

IV. Cost & Personnel Requirements: No cost.

V. Special Problems: None

VI. Overall Evaluation/Results: Over 500 students participated in the Science Fair. The Fair was a good learning experience for all of the students (middle / high school and university) who participated. It was very rewarding to meet and interview local middle school and high school students and see their growing interest in science and engineering.

VII. Index of Exhibits: Photo, List of Participants
Mobile Regional Science & Engineering Fair
List of Participants

Members
1. Katherine Frangos
2. Ifezue Obiako
3. Phiwat Klomkaew
4. Luis Rodriguez Reveles
5. Benjamin Siu
6. Marina Swanepoel
7. Mikayla Walters

Electees
1. Amanda Brown
2. Brent Greenwald
3. Evan Mazur
4. Paul Miller
5. Ashleigh Moore
6. Kelly Welsh
The Tau Beta Pi Association  
Chapter Project Report  

<table>
<thead>
<tr>
<th>Project name: Hurricane Relief Fundraiser</th>
<th>Date(s) of Project: 10/17 – 9/29/2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target Audience: □ Community/ □ University/ □ Profession/ □ Chapter/ □ Education: Liberal Culture College Engineering Social Prof Development</td>
<td></td>
</tr>
<tr>
<td>Participants in project: Members: 6 Electees: 0 Phiwat Klomkaew, Mack Bozman, Caleb Barlow, Yousef Omar, Christopher Jordan, Preston Scoper</td>
<td></td>
</tr>
<tr>
<td>Hours spent on this project: Organizing: 4 Participating: 3</td>
<td></td>
</tr>
</tbody>
</table>

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The AL Epsilon chapter raised money to assist with relief efforts for damages caused by Hurricanes Harvey and Irma. In the late summer of 2017, Houston, Texas, and parts of Florida were heavily affected by wind damages and flooding caused by the Hurricanes. Early efforts focused on clearing homes of flood and mold damage and providing clothing and supplies to residents. After initial efforts, many victims still needed assistance. The local student chapter of American Chemical Society (ACS) reached out to the College of Engineering and our organization to help raise a relief fund for volunteers and helpers in those affected areas. After brainstorming and planning, the chapter conducted Penny Wars to join in the fundraising effort with ACS.

Jars were placed in each department to collect pennies. Posters were displayed in each of the departments to advertise the project. Emails were sent to all engineering students and faculty.

Points were assigned as follows:

<table>
<thead>
<tr>
<th>Pennies</th>
<th>Nickels</th>
<th>Dimes</th>
<th>Quarters</th>
<th>Dollars</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>-5</td>
<td>-10</td>
<td>-25</td>
<td>0 mostly (+100 on the last day only)</td>
</tr>
</tbody>
</table>

The department with the most points at the end of three weeks was the winner. (See poster)

II. Purpose & Relationship to Objectives of TBII: This project gave members an opportunity to contribute to a serious need for the two major natural disasters.

III. Organization & Administration: In conjunction with another group? □ Yes □ No
IV. Cost & Personnel Requirements: Engineering departments contributed to printing the posters. Each departmental secretary was asked to look after the collecting jar and encourage students to participate in the Penny Wars.

V. Special Problems: The initial attempt to count and bag the coins by hands failed. A coin counter, Coinstar, was used instead to count the change that was collected. Coinstar was located at Winn Dixie.

VI. Overall Evaluation/Results: The Penny Wars garnered $920.65. Only $614.22 was collected on the last day with the inclusion of the rule that dollar bill counted for +100 points. Mechanical Engineering department won the competition with the highest score. A check for $920.65 was sent to All Hands Volunteers along with American Chemical Society’s check.

VII. Index of Exhibits: Photos, Poster & Digital Displays

Figure 1. Counting change by hand.

Figure 2. Mechanical Engineering professor dumping silver coins into Electrical Engineering’s collection jar.
Help Chemical Engineering Win Penny War!

Hurricanes Harvey and Irma Damage Relief
Add pennies to collection jar in office
pennies = points / coins = points
Cash donations accepted

Organized by Tau Beta Pi

Figure 5. Departmental poster

Penny Wars!
Hurricane Harvey & Irma Damage Relief

<table>
<thead>
<tr>
<th>Department</th>
<th>Scores</th>
<th>Total money raised</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical</td>
<td>27,633</td>
<td>$376.93</td>
</tr>
<tr>
<td>Civl</td>
<td>9</td>
<td>$16.69</td>
</tr>
<tr>
<td>Elec / Comp</td>
<td>-522</td>
<td>$471.68</td>
</tr>
<tr>
<td>Chem / Bio</td>
<td>-1105</td>
<td>$55.35</td>
</tr>
</tbody>
</table>

Thank you everyone for participating in the Penny Wars to provide funds for hurricane relief. During these three weeks, College of Engineering has raised a total of $920.65 (with 614.22 being raised on the final day alone!). Congratulation, Mechanical Engineering for coming in first place with the most points!

Organized by Tau Beta Pi

Figure 6. Digital Display showing final scores
Project name: Food Drive for Feeding the Gulf Coast
Date(s) of Project: Nov. 2017

Target Audience: Community

Participants in project: Members: 1  Electees: 8

Hours spent on this project: Organizing: 2  Participating: 4

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The chapter joined efforts with Feeding the Gulf Coast to provide canned non-perishable food.

II. Purpose & Relationship to Objectives of TBΠ: This program provides food to community centers and directly aids the destitute in the greater Gulf region. This brings honor to our chapter, profession, and to TBΠ and increases the awareness of TBΠ as an organization within the community. It also creates an opportunity for the members to work alongside one another and learn more about each other.

III. Organization & Administration: In conjunction with another group? Yes No Members from the Chapter were encouraged to donate as well as maintain donation boxes placed in the lobbies of each engineering department, including those of the deans of engineering and computer science.

IV. Cost & Personnel Requirements: None.

V. Special Problems: None.

VI. Overall Evaluation/Results: Over 250 lbs of canned foods were donated to Feeding the Gulf Coast and donation boxes were returned in a timely manner. This is an easy event to setup and spreads the name of TBΠ across the engineering departments as well as the local community.

List of Participants

Members
1. Yousef Omar

Electees
1. Samantha Gunn
2. Ethan Corbett
3. Bikash Rhanabat
4. Nabila Shawki
5. Jonah Philips
6. Benjamen Pement
7. Slater Dozier
8. Katherine Frangos
The Tau Beta Pi Association
Chapter Project Report

Project name: Coastal Cleanup
Date(s) of Project: 9/16/2017

Target Audience:  
- Community
- Liberal Culture
- University
- College
- Profession
- Engineering
- Chapter
- Social
- Education
- Prof Development

Participants in project:  
- Members: 8
- Electees: 0

Hours spent on this project:
- Organizing: 2
- Participating: 4

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The chapter joins Alabama Coastal Cleanup efforts in the waters and public areas surrounding Mobile Municipal (Langan) Park. Our chapter provided general labor for the cleanup efforts.

II. Purpose & Relationship to Objectives of TBΠ: This program provides a home to a family in the community – ensuring affordable housing for a low-income family. This brings honor to our chapter, profession, and to TBΠ and increases the awareness of TBΠ as an organization within the community. It also creates an opportunity for the members to work alongside one another and learn more about each other.

III. Organization & Administration: In conjunction with another group?  ☑ Yes  ☐ No
The Annual Alabama Coastal Cleanup Day has a 30+ year history in the Mobile area. The Coastal Cleanup office provided the set date and guidelines for volunteering. Members were encouraged to volunteer.

IV. Cost & Personnel Requirements: Tools and safety equipment were provided by Coastal Cleanup. Volunteers signed necessary waiver forms.

V. Special Problems: None.

VI. Overall Evaluation/Results: Many of the students were not aware of the condition of the local park and enjoyed being part of helping the environment, and in learning about some of the ecological problems faced by coastal Alabama communities, such as the threats posed by pollution and invasive species. The students expressed their interest in returning again to help.

VII. Index of Exhibits: Photos, List of Participants
Coastal Cleanup
Photos

Figure 1. Coastal Cleanup participants

List of Participants

Members
1. Phiwat Klomkaew
2. Caleb Barlow
3. Mack Bozman
4. Yousef Omar
5. Ben Siu
6. Christopher Jordan
7. Preston Scoper
8. Sally Steadman (Advisor)

Other
1. Steven Tran
2. Mahmud Yusuf
3. Kevin Cooper
The Tau Beta Pi Association  
Chapter Project Report

Project name: Tailgating  
Date(s) of Project: 9/8/2017

Target Audience:  
☐ Community/ Liberal Culture  
☒ University/ College  
☒ Profession/ Engineering  
☒ Chapter/ Social  
☐ Education: Prof Development

Participants in project: See attached list.  
Members: 8  
Electees: 3

Hours spent on this project:  
Organizing: 3  
Participating: 4

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The Alabama Epsilon Chapter of TBП chose to host an engineering tailgating event during the Fall semester. Food was provided by Phillips 66, the sponsor of the event, for the students, faculty, and alumni to enjoy before the football game. Tau Beta Pi members set up the tailgating equipment and conducted games during the event. TBP buttons were distributed to Tau Bates attending the tailgate.

II. Purpose & Relationship to Objectives of TBП: The purpose of tailgating is to provide a relaxed and fun environment for the students to mingle with other students, faculty, and alumni. This event also increases the awareness of TBП in engineering community and is an opportunity for members to network with engineering professionals in the local area.

III. Organization & Administration: In conjunction with another group?  
☒ Yes  
☐ No  
Engineering tailgating is sponsored by the College of Engineering. Tau Bates managed organizing and setting up for tailgating. All engineering students, faculty, and alumni were invited.

IV. Cost & Personnel Requirements: Volunteers required to set up the venue and serve as hosts.

V. Special Problems: None.

VI. Overall Evaluation/Results: The tailgating event was very successful. The students enjoyed themselves, and had an enjoyable opportunity to mingle with students from other disciplines and societies as well as alumni and faculty from the college, as well as industry leaders.

VII. Index of Exhibits: List of Participants
Tailgating

Figure 1. Participating Tau Beta Pi members

Figure 2. Button

List of Participants

Members
1. Phiwat Klomkaew
2. Caleb Barlow
3. Mack Bozman
4. Ben Sui
5. Kelsey Ferrill
6. Angela Buie
7. Matthew Moore (Alumnae)
8. Caden Moore (Alumnae)

Electees
1. Ashley Koichi
2. Ajay Peddada
3. Bobby Brown
4. John Steadman (Dean)
5. Sally Steadman (Advisor)
The Tau Beta Pi Association  
Chapter Project Report

<table>
<thead>
<tr>
<th>Project name: Exploreum / Curiosity Factory Workshop</th>
<th>Date(s) of Project: 10/7/17-12/1/17</th>
</tr>
</thead>
</table>

<p>| Target Audience: |</p>
<table>
<thead>
<tr>
<th>Community/ Liberal Culture</th>
<th>University/ College</th>
<th>Profession/ Engineering</th>
<th>Chapter/ Social</th>
<th>Education/ Prof Development</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Participants in project:</th>
<th>Members: 1  Electees: 7</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hours spent on this project:</th>
<th>Organizing: 1  Participating: 3</th>
</tr>
</thead>
</table>

**DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION**

I. **General Description:** Tau Beta Pi members assisted with the Gulf Coast Exploreum’s exhibit Curious George: Let’s Get Curious! The exhibit inspires children's natural curiosity as they explore early science, math and engineering through hands-on interactive play. Tau Bates helped with the tinker space, Curiosity Factory, located adjacent to the Curious George exhibit for older kids (and adults) to tinker, take apart, and learn how everyday objects work.

II. **Purpose & Relationship to Objectives of TBΠ:** This project encourages middle school children to gain interest in pursuing engineering as a career.

III. **Organization & Administration:** In conjunction with another group?  
   Yes  
   No  
Training and activities were coordinated by the Gulf Coast Exploreum.

IV. **Cost & Personnel Requirements:** Lunch was provided for the volunteers.

V. **Special Problems:** None

VI. **Overall Evaluation/Results:** Tau Bates were extremely helpful in explaining the basis for the activities. Many students from several local schools attended the workshops and TBP members had fun while helping the students.

VII. **Index of Exhibits:** Photo, List of Participants
Exploreum / Curiosity Factory Workshop

List of Participants

Members
1. Benjamin Siu

Electees
2. Andrew Harper
3. Kyle Atienza
4. Troy Orwin
5. Austin Meredith
6. Tucker Boshell
7. Derek Kelly
8. Tanner Hickman

Figure 1. Fall initiates volunteering at the Curiosity Factory workshop at the Exploreum.
The Tau Beta Pi Association
Chapter: Alabama Epsilon
Project number: 32
☑ New Project ☐ Old Project

Chapter Project Report

Project name: Professor of the Year  Date(s) of Project: 11/16/2017

Target Audience:
☐ Community/ Liberal Culture  ☒ University/ College  ☒ Profession/ Engineering  ☐ Chapter/ Social  ☐ Education/ Prof Development

Participants in project: See attached list.  Members: 13  Electees: 0

Hours spent on this project:  Organizing: 2  Participating: 1

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: Since 2002, the chapter has annually selected a Professor of the Year. The award is made to an engineering faculty member who has gone above and beyond to help students become outstanding engineers.

II. Purpose & Relationship to Objectives of TBII: The award recognizes outstanding scholarship by the faculty as well as service to the student body.

III. Organization & Administration: In conjunction with another group? ☑ Yes ☐ No
Members in each department nominate a faculty member from their department and advocate to the chapter for the faculty nominee. All TBII members vote on the selection. An engraved name plate is added to the Professor of the Year Plaque, which is displayed in the lobby of the engineering building. A certificate was presented to the professor during the fall faculty meeting, and formal recognition was given at the College of Engineering Awards Luncheon in the spring.

IV. Cost & Personnel Requirements: The University of South Alabama College of Engineering arranges and pays for the engraving.

V. Special Problems: None

VI. Overall Evaluation/Results: Mechanical Engineering professor Dr. Todd Lillian was selected as the Professor of the Year for 2017.

VII. Index of Exhibits: Photo, List of Participants
Professor of the Year

Fig. 1. Chapter president presenting Award to Dr. Lilian

List of Participants

Members:
1. Kelsey Ferrill
2. Tyler Tow
3. Brandon Shurden
4. Tanner Hickman
5. Michael Weinzirl
6. Phiwat Klomkaew
7. Caleb Barlow
8. Mack Bozman
9. Yousef Omar
10. Benjamin Siu
11. Derek Kelly
12. Michael Cox
13. Fnu Mansoor
The Tau Beta Pi Association
Chapter Project Report

Project name: Outstanding Sophomore Scholarship
Date(s) of Project: April 2018

Target Audience: Community/University/Profession/Chapter/Education:
Liberal Culture College Engineering Social Prof Development

Participants in project:
Members: 4 Electees: 0
Derek Kelly, Yousef Omar, Michael Cox III, Daniel Shaw, Phiwat Klomkaew

Hours spent on this project:
Organizing: 6 Participating: 4

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: Our chapter has received a National Project Award for the eleventh consecutive year, and hence a $500 scholarship was awarded to the USA College of Engineering. This was matched by the Dean's office, for an award of $1000. The chapter awards the scholarship to a sophomore student with outstanding scholarship and integrity.

II. Purpose & Relationship to Objectives of TBΠ: Through publicity for the scholarship, the chapter aims to increase visibility of Tau Beta Pi among sophomore students. Publicity for the scholarship increases awareness among faculty and all engineering students of TBΠ activities.

III. Organization & Administration: In conjunction with another group? Yes No
Criteria established for the scholarship:
• Academic achievement
• Involvement in civic and extracurricular activities
• Career goals
  • Applicants were also asked to provide up to two faculty recommendations.
  Signs were posted around the college, information was posted on the message board, and emails were sent to all sophomore engineering students. A committee of Tau Beta Pi members and an advisor reviewed the applications and unanimously selected the recipient. The scholarship winner is recognized at the College of Engineering Awards Luncheon.

IV. Cost & Personnel Requirements: $500 - national organization and $500 - College of Engineering

V. Special Problems: None

VI. Overall Evaluation/Results: We had an applicant pool of 10 candidates, and expect these students to be candidates for membership next fall. The scholarship was awarded to Savannah Howie, Mechanical Engineering, at the College of Engineering Awards Luncheon. Two other applicants were named honorable mention.

VII. Index of Exhibits: Online application questions, Flyer, Slide for TV advertisement, Notification letter to the scholarship winner
$1000 Tau Beta Pi Outstanding Sophomore Scholarship

Questions on scholarship application where not changed from the precious academic year (2016-2017).

Questions:
1. List student groups you belong to and describe your involvement within those groups. Describe other ways you are involved in campus life, civic, or professional activities.

2. Please provide a brief narrative describing why you chose engineering as a career and the contributions you hope to make to the community after graduation.

3. Recommendation Letter Request: Please provide the name and email address of your USA College of Engineering faculty member reference.

Questions:
1. Have you completed or currently enrolled in one of the following courses: EG 283 Statics, CHE 203 Prin. Chem. Proc., or EE 220 Circuit Analysis?
   a. [Yes or No]
2. Are you a full-time sophomore student in the College of Engineering?
   a. [Yes or No]
3. Will you be graduating in the next two years or more?
   a. [Yes or No]
   b. If no, Why?
      i. [Explanation box]
4. Academic Transcript Request: Please submit the PDF version your University of South Alabama academic transcript. Unofficial transcript is allowed.
   a. [allow applicants to upload file]
5. Do you give Tau Beta Pi Scholarship Committee a permission to view your academic transcript?
   a. [Yes or No]
6. Have you been guilty of academic dishonesty or other acts which could compromise your integrity?
   a. [Yes or No]

To be included in the application description:

The $1000 Tau Beta Pi Outstanding Sophomore Scholarship will be awarded to a sophomore engineering student on the basis of scholarship and service to the university. To qualify for the scholarship, you must be a full-time sophomore with a GPA of at least 3.20. You must have already completed or be currently enrolled in one of the following courses: EG 283 Statics, CHE 203 Elementary Principles of Chemical Process, or EE 220 Circuit Analysis. The application deadline is March 26, 2017.

Each candidate is asked to describe why you chose engineering as a career and the contributions you hope to make to the community after graduation.

Note: The College of Engineering awards $500 to the scholarship winner. Another $500 will be matched by Tau Beta Pi national organization. The total scholarship amount is $1000.
Are you a full-time sophomore student in the College of Engineering having completed or currently enrolled in sophomore engineering courses**? Do you have a GPA of 3.2 or higher? Have you displayed…
  • Academic Achievement?
  • Community and Extracurricular Involvement?
  • Outstanding Conduct and Character?

If this describes you, you should apply for the Tau Beta Pi Outstanding Sophomore Scholarship! (Award amount: $1,000)
It’s easy! All you need to do is…
  • Complete the application form
  • Obtain a letter of recommendation from an engineering faculty member
  • Write a brief narrative of why you have chosen engineering as a career and the contributions you plan to make in the community after graduation

Location of scholarship application changed from JagSPOT to google forms and spread through Mrs. Nani (Outreach Coordinator of the College of Engineering).

Deadline: March 26, 2017.

Please contact Dr. Sally Steadman (ssteadman@southalabama.edu) for any questions.
**We consider the followings to be sophomore-level engineering courses: EG 283 Statics, CHE 203 Elementary Principles of Chemical Process, and EE 220 Circuit Analysis.
Announcing

The Tau Beta Pi Outstanding Sophomore Scholarship

Eligibility Requirements
• Must be a Full-Time University of South Alabama sophomore (to be a Junior in the Fall) majoring in Engineering
• Must have completed or be taking the following sophomore engineering courses:
  – Civil and Mechanical Engineering Major: EG 283 Statics
  – Chemical Engineering Major: CHE 203 Elementary Principle Chemical Process
  – Computer and Electrical Engineering: EE 220 Circuit Analysis
• Minimum GPA 3.2

Selection Criteria
• Academic achievement
• Involvement in civic and extracurricular activities

Application Process
• Application form
• A letter of recommendation from USA College of Engineering Faculty
• Brief narrative of why you chose engineering as a career and the contributions you hope to make to the community after completion of your degree

Apply now through JagSpot (https://southalabama.academicworks.com/)

Deadline: April 10, 2017

Alabama Epsilon Student Chapter
Tau Beta Pi National Engineering Honor Society
College of Engineering SRM 104
University of South Alabama
Mobile, AL 36688

May 9, 2018

Savannah Hovisie
Civil Engineering

Dear Savannah:

It is my pleasure to inform you that you are this year’s winner of the Alabama Epsilon Tau Beta Pi Outstanding Sophomore Scholarship. The scholarship has a stipend of one thousand dollars ($1,000) to be used to help defray your school expenses for the 2018-2019 academic year. Please contact Renda Girouard in the Dean’s office, 460-8140, if you have any questions about the use of your scholarship.

Tau Beta Pi, national engineering honor society, recognizes junior and senior students for distinguished scholarship and exemplary character. Members of the USA chapter participate in activities that benefit the institution, community, and the engineering profession and that add to the liberal education of engineering students. In 2015, the University of South Alabama chapter received the R. C. Matthews Outstanding Chapter Award, selected from 240 chapters nationwide, in 2006, 2012, 2013, 2014, 2016 the chapter was named honorable mention for the R. C. Matthews Outstanding Chapter Award. The chapter received the R. H. Nagel Most Improved Chapter Award in 2005.

We hope that you continue your outstanding scholastic success and that you will be interested in becoming a member of our chapter.

With best regards,

Pryvat Klonopin
President
Alabama Epsilon Tau Beta Pi Chapter
## Project name: Dean’s Letter to Initiate Families

### Date(s) of Project: Fall, Spring

### Target Audience:
- Community/University/Profession/Chapter/Education:
  - Liberal Culture
  - College
  - Engineering
  - Chapter/Social
  - Prof Development

### Participants in project:
- Members: 1
  - Sally Steadman (Advisor)

### Hours spent on this project:
- Organizing: 2
- Participating: 0

### Description or Index to Attached Description

#### I. General Description:
The Dean prepared a letter of congratulations, which was sent to the families of the new members.

#### II. Purpose & Relationship to Objectives of TBΠ:
This promotes Tau Beta Pi and encourages students to be an active member.

#### III. Organization & Administration:
In conjunction with another group? ☐ Yes ☒ No

#### IV. Cost & Personnel Requirements:
Provide initiate information to Dean.

#### V. Special Problems: None

#### VI. Overall Evaluation/Results:
Many of South’s students are first generation or commuter students and don’t necessarily know the value of belonging to an honor society. This letter helps promote Tau Beta Pi to the families, so they are supportive of the candidate joining the organization. Many of South’s students work while attending school; thus paying the initiation fee is difficult for these students.

#### VII. Index of Exhibits: Sample Letter
April 3, 2018

To the family of Lauren Bassler,

Lauren has recently been selected for membership in the engineering honor society, Tau Beta Pi. This is a very important recognition of the accomplishments of outstanding students in the College of Engineering at the University of South Alabama. On behalf of all the members of the faculty, I extend to you and Lauren sincere congratulations. You are cordially invited to a reception honoring the new members at 4:30 p.m. on Wednesday, April 11, 2018 in the atrium of Shelby Hall. This reception immediately follows the initiation ceremony, which is open only to TBP members and the initiates.

Tau Beta Pi is the second oldest Greek-letter honor society in America; the oldest is Phi Beta Kappa. Both societies are well known and respected throughout the United States. The latter is restricted to students in the liberal arts, while Tau Beta Pi offers recognition for superior scholarship and exemplary character to engineering students and professionals.

Tau Beta Pi was established at the University of South Alabama in 1990 and is a major student organization in this college. The Alabama Epsilon Chapter is an honor society that pays tribute to outstanding students and provides a vehicle for these students to assume leadership roles in the college and be of distinctive service. The members of Tau Beta Pi participate in activities that benefit the university community and add to the liberal education of engineering students. Each chapter selects service projects of interest to the members. Past chapters have assisted with the Engineering Open House and other pre-college activities and hosted seminars for engineering students. The chapter honors an outstanding faculty member with a Professor of the Year Award. Members are recognized at graduation by wearing the Tau Beta Pi stole. I am especially happy to announce that the USA chapter was recently honored with the R. C. Matthews Award for the most outstanding chapter in the U.S.

As a member myself for many years, I heartily applaud Lauren’s membership in Tau Beta Pi.

Sincerely,

John W. Steadman, P. E. Ph.D.
Dean
Project name: Tau Beta Pi Polo Shirts  
Date(s) of Project: March 2018

Target Audience: University/College  
Profession/Engineering  
Chapter/Social  
Education: Prof Development

Participants in project: See attached list.  
Members: 58  
Electees: 0

Hours spent on this project:  
Organizing: 5  
Participating: 1

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: A chapter member designed a polo shirt, with an embroidered emblem, for the chapter members in October of 2017. A proposal was submitted to the Student Government Association to pay for additional polos, as a uniform for chapter activities. The members will receive the shirts free of the cost, the total cost is shared by the SGA and the chapter. There is one shirt style for both women and men.

II. Purpose & Relationship to Objectives of TBΠ: This project promotes Tau Beta Pi and gives recognition to the members. The organization of this project also promoted teamwork between the chapter members.

III. Organization & Administration: In conjunction with another group? Yes No

IV. Cost & Personnel Requirements: The Student Government Association agreed to provide $500. Each member received a polo at no cost, as the chapter funded the remaining cost.

V. Special Problems: None

VI. Overall Evaluation/Results: Members are pleased with the design and quality of the shirt. The polo shirt is a professional way to promote the name and significance of Tau Beta Pi. The shirts are often seen around the college, which gives the chapter increased visibility.

VII. Index of Exhibits: Design, Photo, List of Participants
Tau Beta Pi Polo Shirts

Alabama Epsilon

[Image of Tau Beta Pi polo shirt with logo]

[Group photo of members in polo shirts]
1. Atienza, Jann Kyle F.
2. Barlow, Caleb D.
3. Blackwell, Cruise L.
4. Boshell, Timothy S.
5. Bozman, Mack
6. Brown, Amanda S.
7. Brown, Bobbi I.
8. Bunge, Meagan
9. Butler, Kenneth D.
10. Butt Jr., David A.
11. Carithers, Collin R.
12. Cooper, Kevin
13. Corbett, Ethan H.
14. Cox III, Michael R.
15. Deal, Jacob
16. Dozier, Slater A.
17. Fedor, Nathanael
18. Ferrill, Kelsey
19. Gonzalez, Logan
20. Greenwald, Brent E.
21. Harrison, Christopher D.
22. Harville, Christopher D.
23. Hernandez, Arianjel F.
24. Hickman, Tanner J.
25. Higginbotham, Tristen A.
26. Horstman, Marissa A.
27. Howell, Andrew M.
28. Huynh, Nghia T.
29. Joiner, Tyler
30. Jordan, Christopher S.
31. Kelly, Derek L.
32. Klomkaew, Phiwat
33. Koichi, Ashley N.
34. Mallonee, Mason D.
35. Mazur, Evan M.
36. McGehee, Jimmie L.
37. McMillan, Brittany E.
38. Miller, Eric J.
39. Miller, Paul M.
40. Miskel, Aniestacia M.
41. Moore, Ashleigh F.
42. Moran, Charles R.
43. Phillips, Jonah B.
44. Pittman, Christopher B.
45. Posey, Sarah P.
46. Powers, Allie M.
47. Reiss, Joshua P.
48. Schibelius, Lisa M.
49. Siu, Benjamin
50. Smith, Luke D.
51. Stolz, Marvin
52. Strong, Nicholas B.
53. Tatman, William S.
54. Tow, Tyler K.
55. Udoh, Aniebiet
56. Walters, Mikayla G.
57. Weinzirl, Michael A.
58. Welsh, Kelly M.
59. Young, Kyle L.
Chapter: Alabama Epsilon
Project number: 36

The Tau Beta Pi Association
Chapter Project Report

Project name: National Convention  Date(s) of Project: 10/12/17 - 10/14/17

Target Audience: ☒ University/College  ☒ Profession/Engineering  ☒ Chapter/Social  ☒ Education: Prof Development

Participants in project:
Members: 2  Electees: 2
Tanner Hickman, Logan Gonzalez, Phiwat Klomkaew, Sally Steadman (advisor)

Hours spent on this project:  Organizing: 6  Participating: 72

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: We arranged for lodging, meals, and transportation for the Convention, through TBΠ. We could participate in the general meetings, Engineering Futures, and many of the educational and progressive sessions. The President and two electees attended the Convention.

II. Purpose & Relationship to Objectives of TBΠ: The purpose was to learn more about TBΠ, its principles and practices, conduct business for TBΠ, and to meet members from other chapters. The new initiates gained ideas to improve our chapter’s image and membership participation at the national conference, and were encouraged to serve as future chapter officers.

III. Organization & Administration: In conjunction with another group? ☒ Yes  ☐ No
We requested funding from the Student Government Association to attend the National Conference.

IV. Cost & Personnel Requirements: The total cost for the additional two members to attend the Conference was $1805. The funding was obtained from SGA ($1500) and USA’s College of Engineering ($235).

V. Special Problems: None.

VI. Overall Evaluation/Results: The new initiates who went to the National Conference enjoyed the experience greatly. They found learning more about TBΠ and interacting with members from other chapters to be a fun and enlightening experience. The participants could learn a lot about TBΠ, and interacted with other chapters in our district.

Alabama Epsilon was awarded the R. C. Matthews Most Outstanding Chapter award, which inspired the initiates to continue the outstanding efforts of the 2018-19 chapter.
Fig 1. Alabama Epsilon receiving the R.C. Matthews Outstanding Chapter Award
Chapter: Alabama Epsilon  
Project number: 37  
☑️ New Project  ☐ Old Project

**Project name:** 2018 District Conference  
**Date(s) of Project:** 4/6/18 – 4/7/18

**Target Audience:**  
- ☑️ University/College  
- ☑️ Profession/Engineering  
- ☑️ Chapter/Social  
- ☑️ Education: Prof Development

**Participants in project:**  
- Members: 8  
- Electees: 6

**Hours spent on this project:**  
- Organizing: 72  
- Participation: 48

**DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION**

I. **General Description:** The members of ALE hosted the District 6 Conference in Mobile, AL on the University of South Alabama campus. Arrangements were made for attendees to stay at Homewood Suites. Meals were provided by Foosacklys and SAE members. All meetings took place at the USA College of Engineering.

II. **Purpose & Relationship to Objectives of TBΠ:** The purpose of the District Conference is to learn more about the operations of TBΠ, meet members from other chapters, bring ideas from other chapters to our chapter, and to foster an interest in officer roles for participants.

III. **Organization & Administration:** In conjunction with another group?  
- ☑️ Yes  
- ☐ No  
The District Directors set the agenda for the meeting and provided online registration for attendees.

IV. **Cost & Personnel Requirements:** The total cost to host the District 6 Conference was paid for by National TBP.

V. **Special Problems:** There were no problems during this event. Everything went as planned.

VI. **Overall Evaluation/Results:** The Conference was attended by 54 participants from 11 chapters. Attendees learned about TBΠ operations and found interacting with members from other chapters to be a fun and enlightening experience. The conference was effective in fostering an atmosphere of continued interest for the participants. ALE is looking forward to next year’s district conference.

VII. **Index of Exhibits:** Photos, Meeting Agenda, List of Participants.
District 6 Conference

Figure 1. ALE members and alumni in front of the

Figure 1. 2018 Conference Attendees

Figure 2. ALE member, Peyton Posey, participating in a group activity.

Figure 3. ALE Members and Alumni
Agenda

Friday April 6, 2018:

- Hotel Registration (3-5pm)
- Social (5-6pm) - USA
- Dinner (6-7pm) – USA
  Foosacklys carry in
- Business and Presentations (7:30-9pm) – USA SH2119
- After Hours Activities (9-12pm)

Saturday April 7, 2018:

- Breakfast and Checkout (7-8:30 am - Hotel)
- Travel to school (8:30 – 9am)
- Welcome by Dean
- Chapter Officer Sessions (9-11am) – USA SH2119
- Alumni Panel (11-12 noon) – USA
  Curtis Wright, Chevron Flare and Relief Systems Engineer
  Rob Delles, Hargrove Engineers + Constructors Senior Engineer
  Avalisha Fisher, Driven Engineering, President and Founder
  Jack Kelly, Precast consulting firm Owner
  Michael Turner, Reactor Plant Test Engineer at Ingalls Shipbuilding (37 yrs)
  Cody Salter, USA Graduate Student & SMART Fellowship Recipient
  Bradley Harris, USA Medical Student
- Lunch (12-1pm) – USA
  Cookout provided by Society of Automotive Engineers
- Chapter Officer Sessions (1-2:30pm) - USA
  o Online Systems
  o DICE
  o EF
- Director of Alumni Presentation (2:30-3pm)
- Executive Council Presentation (3-3:30)
- Wrap Up and Expense Reports
- Dinner in Mobile (5-6:30pm)

Sunday, April 8, 2018:

- Optional Beach Trip

List of Participants

Members

1. Kelsey Ferrill
2. Logan Gonzalez
3. Marissa Horstman
4. Derek Kelly
5. Phiwat Klomkaew
6. Anniestacia Miskel
7. Yousef Omar
8. Brandon Shurden

Electees

1. Amanda Brown
2. David Butt
3. Michael Cox
4. Andrew Howell
5. Ashleigh Moore
6. Peyton Posey
Project name: Bowling Night Social  
Date(s) of Project: 10/10/2017

Target Audience: [ ] Community/ Liberal Culture  [ ] University/ College  [ ] Profession/ Engineering  [x] Chapter/ Social  [ ] Education: Prof Development

Participants in project:  
Members: 9  Electees: 1

Hours spent on this project:  
Organizing: 1  Participating: 2

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The officers went bowling with members to strengthen officer-member relationships.

II. Purpose & Relationship to Objectives of TBΠ: The purpose was to socialize and allow the officers to get closer with the members of Tau Beta Pi.

III. Organization & Administration: In conjunction with another group? [ ] Yes  [x] No  
This project was in conjunction with the University of South Alabama.

IV. Cost & Personnel Requirements: Tickets and refreshments were purchased by individual members.

V. Special Problems: None

VI. Overall Evaluation/Results: The visit allowed for a fun social trip and allowed the members and officers to bond.

VII. Index of Exhibits: Photos, List of Participants
Image 1. Bowling Night Social participants

List of Participants

**Members**
1. Phiwat Klomkaew
2. Mack Bozman
3. Kelsey Ferrill
4. Ben Siu
5. Yousef Omar
6. Caleb Barlow
7. Tyler Tow
8. Jesse Hays (Alumni)
9. Carlos Montalvo (Faculty)

**Electee**
1. Samantha Gunn

**Others**
3. Alicia Radcliffe
4. Courtney Martin
5. Sam Mayes
Project name: Holiday Party Social
Date(s) of Project: 12/1/2017

Target Audience:

- Community/ Liberal Culture
- University/ College
- Profession/ Engineering
- Chapter/ Social
- Education: Prof Development

Participants in project: Members: 6  Electees: 0

Hours spent on this project: Organizing: 2  Participating: 3

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The officers hosted a Holiday party to celebrate the end of the semester and to get closer with the members.

II. Purpose & Relationship to Objectives of TBΠ: The purpose of the event was to strengthen the bond of the officers with the members

III. Organization & Administration: In conjunction with another group? ☑ Yes  ☐ No
This project was in conjunction with the University of South Alabama.

IV. Cost & Personnel Requirements: Refreshments and hors d’oeuvres, games for attendees to play, all provided by the officers of Tau Beta Pi.

V. Special Problems: None

VI. Overall Evaluation/Results: The officers’ bonds strengthened.

VII. Index of Exhibits: Photos, List of Participants
Image 1. Holiday Party Social participants

**Holiday Party Social**
**List of Participants**

<table>
<thead>
<tr>
<th>Members</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Phiwat Klomkaew</td>
<td>1. Alicia Ratcliffe</td>
</tr>
<tr>
<td>2. Mack Bozman</td>
<td>2. Nizar Tarabien</td>
</tr>
<tr>
<td>4. Ben Siu</td>
<td></td>
</tr>
<tr>
<td>5. Yousef Omar</td>
<td></td>
</tr>
<tr>
<td>6. Caleb Barlow</td>
<td></td>
</tr>
</tbody>
</table>
The Tau Beta Pi Association
Chapter Project Report

Project name: Social Media
Date(s) of Project: Spring 2018

Target Audience: Community/University/Profession/Chapter/Education:
Liberal Culture       College     Engineering          Social Prof Development

Participants in project: Sarah Posey
Members: 1        Electees: 0

Hours spent on this project:
Organizing: 8         Participating: 2

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The Alabama Epsilon Chapter of TBП managed the Facebook page to keep members informed on upcoming activities and to share images of activities with the engineering community. The Alabama Epsilon Chapter of TBП also created an Instagram account for the same purposes.

Location: Facebook-@usatbp  Instagram: @usa_tbp

II. Purpose & Relationship to Objectives of TBП: The purpose of the event was to promote the chapter’s activities as well as promote the goals of TBП.

III. Organization & Administration: In conjunction with another group?  Yes  No

IV. Cost & Personnel Requirements: None

V. Special Problems: None

VI. Overall Evaluation/Results: The Facebook page generated many views from TBП members and alumni as well as students that were not in TBП. The Instagram page is just getting started and has potential to be a great tool for the chapter. The Facebook page has 131 followers and the Instagram page has 27 followers.

VII. Index of Exhibits: Page Shots
Social Media
Photos of TBP Alabama Epsilon Facebook and Instagram Pages
The Tau Beta Pi Association
Chapter Project Report

Project name: Bent Decoration
Date(s) of Project: Seasonal – Year Long

Target Audience: 
- University/College
- Profession/Engineering
- Chapter/Social
- Education/Prof Development

Participants in project:
Christopher Harville, Allie Powers, Mikayla Walters

Members: 3  Electees: 0

Hours spent on this project:
Organizing: 3  Participating: 2

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The Alabama Epsilon Chapter of Tau Beta Pi organized a seasonal Bent decorating project to help raise awareness and bring exposure to the Tau Beta Pi organization at the University of South Alabama.

II. Purpose & Relationship to Objectives of TBΠ: The purpose of the event was to bring attention to the Tau Beta Pi Bent in front of Shelby Hall. Adding the seasonal decoration caught the attention of many engineering students which increases the visibility of TBΠ as an organization within the College of Engineering.

III. Organization & Administration: In conjunction with another group?  Yes  No

IV. Cost & Personnel Requirements: The cost for this project was $50.00.

V. Special Problems: None

VI. Overall Evaluation/Results: The decorations on the Bent have really attracted more students to inquire about what Tau Beta Pi is.

VII. Index of Exhibits: Photos
Bent Decoration
Photos

Figure 1: Fall decorations

Figure 2: Holiday decorations on the Tau Beta Pi Bent

Figure 3: Mardi Gras decorations
Project name: Mobile River Survey Boat Trip

Date(s) of Project: March 21, 2018.

Target Audience:

- Community/ Liberal Culture
- University/ College
- Profession/ Engineering
- Chapter/ Social
- Education/ Prof Development

Participants in project: See attached list. Members: 8  Electees: 1  Non-members: 8

Hours spent on this project:

- Organizing: 2
- Participating: 4

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The chapter coordinated a social/educational field trip on a survey boat with the U.S. Army Corps of Engineers. William “Wynne” Fuller, recently inducted into TBP by our chapter in Fall 2017, and other Army Corps personnel gave participants a tour of the survey boat while it scanned the floor of the Mobile Bay in real time.

II. Purpose & Relationship to Objectives of TBP: The purpose of this trip was to provide TBP members an opportunity to socialize with one another while enjoying beautiful sceneries of the Mobile Bay and taking a break from classes. Participants were able to network with Army Corps employees and learn about the surveying technology and Corps’ roles in Mobile’s economy.

III. Organization & Administration: In conjunction with another group? ☑ Yes  ☐ No

IV. Cost & Personnel Requirements: This project requires officers to set up the trip with Wynne Fuller and the U.S. Army Corps of Engineers.

V. Special Problems: The trip was originally planned on Friday, March 16, but due to inclement weather it was postponed to Wednesday, March 21. We lost a couple participants who RSVP’d for the original date but indicated that they could not make it on the postponed date. To maintain good attendance, we opened the trip spots to the rest of the students and faculty members in the College of Engineering.

VI. Overall Evaluation/Results: The trip was a success despite the low attendance due to the trip postponement. Participants enjoyed the informative break from classes and the conversations with the Corps. Mr. Fuller was impressed with the participants’ interest and agreed to be in contact for future trips.

VII. Index of Exhibits: Photos, List of Participants
Figure 1. Group picture with Wynne Fuller next to the survey boat Irvington

Figure 2. U.S. Army Corps of Engineers educated students and faculty members about the surveying technology while participants enjoyed the ride and the view along the Mobile Bay.

List of Participants

Members:
1. Derek Kelly
2. Mikayla Walters
3. Phiwat Klomkaew
4. Dr. Sally Steadman
5. Dr. John Steadman
6. Yousef Omar
7. William Fuller
8. Dr. Kevin White

Electees:
1. Paul Miller

Non-members:
1. Jeff Coogan
2. Jennifer Johnson
3. Paul Kossik
4. Richard Zimmerman
5. Justin Harvell
6. Kelsey Tootle
7. Dr. Robert Cloutier
The Tau Beta Pi Association
Chapter: Alabama Epsilon
Project number: 43
☐ New Project  ☒ Old Project

Project name: Initiate Reception  Date(s) of Project: 11/9/2017 & 4/11/2018

Target Audience:  ☑ Community/ Liberal Culture  ☑ University/ College  ☐ Profession/ Engineering  ☐ Chapter/ Social  ☑ Education/ Prof Development

Number of persons who participated in this project.  Members: 11  Electees: 59

Hours spent on this project.  Organizing: 3  Participation: 1

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description:
The AL-E chapter of TBII held a fall and spring initiation. A reception was conducted for the new members immediately preceding and following the ritual. Light refreshments were served as current TBII members and faculty congratulated the new members. Additionally, a current TBII member escorted parents in attendance on a tour of the College of Engineering during the ritual.

II. Purpose & Relationship to Objectives of TBΠ:
The purpose of the reception and tour is to immediately instill in new members a family atmosphere of TBII and of the AL-E chapter. By personally congratulating each new member we show our commitment to their continued success and interest in their participation in TBII.

III. Organization & Administration: In conjunction with another group?  ☐ Yes  ☒ No

IV. Cost & Personnel Requirements: $75 for refreshments. 8 volunteers are needed.

V. Special Problems: None.

VI. Overall Evaluation/Results:
The new members and their parents appreciate the personal support and attention we provide at our initiations. Many comment on the well-organized nature of the event and walk away with a wonderful first impression of TBII.

VII. Index of Exhibits: List of Participants
<table>
<thead>
<tr>
<th>Members - Fall</th>
<th>Members - Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Caleb Barlow</td>
<td>1. Caleb Barlow</td>
</tr>
<tr>
<td>3. Kelsey Ferrill</td>
<td>3. Derek Kelly</td>
</tr>
<tr>
<td>4. Phiwat Klomkaew</td>
<td>4. Phiwat Klomkaew</td>
</tr>
<tr>
<td>5. Yousef Omar</td>
<td>5. Yousef Omar</td>
</tr>
<tr>
<td>7. Luke Smith</td>
<td></td>
</tr>
<tr>
<td>8. Tyler Tow</td>
<td></td>
</tr>
<tr>
<td>9. Mikayla Walters</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electees - Fall</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Atienza, JannKyle F.</td>
<td>34. Powers, Allie M.</td>
</tr>
<tr>
<td>5. Butler, Kenneth D.</td>
<td>38. Smith, Connie N.</td>
</tr>
<tr>
<td>7. Corbett, Ethan H.</td>
<td>40. Tatman, William S.</td>
</tr>
<tr>
<td>8. Dozier, Slater A.</td>
<td>41. Thornburg, Dalton E.</td>
</tr>
<tr>
<td>9. Fedor, Nathanael</td>
<td>42. Weinzirl, Michael A.</td>
</tr>
<tr>
<td>10. Frangos, Katherine E.</td>
<td>43. Young, Kyle L.</td>
</tr>
<tr>
<td>11. Gonzalez, Logan</td>
<td></td>
</tr>
<tr>
<td>12. Gunn, Samantha D.</td>
<td></td>
</tr>
<tr>
<td>13. Harper, Andrew L.</td>
<td></td>
</tr>
<tr>
<td>14. Harville, Christopher D.</td>
<td></td>
</tr>
<tr>
<td>15. Hickman, Tanner J.</td>
<td></td>
</tr>
<tr>
<td>16. Higginbotham, Tristen A.</td>
<td></td>
</tr>
<tr>
<td>17. Horstman, Marissa A.</td>
<td></td>
</tr>
<tr>
<td>18. Huynh, Nghia T.</td>
<td></td>
</tr>
<tr>
<td>19. Johnson III, Christopher W.</td>
<td></td>
</tr>
<tr>
<td>20. Joiner, Tyler M.</td>
<td></td>
</tr>
<tr>
<td>21. Kelly, Derek L.</td>
<td></td>
</tr>
<tr>
<td>22. Koichi, Ashley N.</td>
<td></td>
</tr>
<tr>
<td>23. Massey, Spencer K.</td>
<td></td>
</tr>
<tr>
<td>24. McGehee, Jimmie L.</td>
<td></td>
</tr>
<tr>
<td>25. Meredith, Austin L.</td>
<td></td>
</tr>
<tr>
<td>26. Miskel, Anniestacia M.</td>
<td></td>
</tr>
<tr>
<td>27. Obiako, Ifezue V.</td>
<td></td>
</tr>
<tr>
<td>28. Orwin, Troy W.</td>
<td></td>
</tr>
<tr>
<td>29. Peddada, Ajay P.</td>
<td></td>
</tr>
<tr>
<td>30. Pement, Benjamin J.</td>
<td></td>
</tr>
<tr>
<td>31. Pham, Michael H.</td>
<td></td>
</tr>
<tr>
<td>32. Phillips, Jonah B.</td>
<td></td>
</tr>
<tr>
<td>33. Pimperl, William M.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electees - Spring</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Bassler, Lauren N.</td>
<td></td>
</tr>
<tr>
<td>2. Brown, Amanda S.</td>
<td></td>
</tr>
<tr>
<td>3. Butt Jr., David A.</td>
<td></td>
</tr>
<tr>
<td>4. Cox III, Michael R.</td>
<td></td>
</tr>
<tr>
<td>5. Greenwald, Brent E.</td>
<td></td>
</tr>
<tr>
<td>6. Griswold, John R.</td>
<td></td>
</tr>
<tr>
<td>7. Hayden, Marshall W.</td>
<td></td>
</tr>
<tr>
<td>8. Howell, Andrew M.</td>
<td></td>
</tr>
<tr>
<td>9. Mallonee, Mason D.</td>
<td></td>
</tr>
<tr>
<td>10. Mazur, Evan M.</td>
<td></td>
</tr>
<tr>
<td>11. Miller, Paul M.</td>
<td></td>
</tr>
<tr>
<td>12. Moore, Ashleigh F.</td>
<td></td>
</tr>
<tr>
<td>13. Neizer, Sheena</td>
<td></td>
</tr>
<tr>
<td>14. Posey, Sarah P.</td>
<td></td>
</tr>
<tr>
<td>15. Stolz, Marvin</td>
<td></td>
</tr>
<tr>
<td>16. Welsh, Kelly M.</td>
<td></td>
</tr>
</tbody>
</table>
Project name: Bent Polishing  

Date(s) of Project: 11/9/17 – 5/1/18

Target Audience:  
- Community/ Liberal Culture
- University/ College
- Profession/ Engineering
- Chapter/ Social
- Education: Prof Development

Participants in project: 
- Members: 2
- Electees: 59

Hours spent on this project:  
- Organizing: 2
- Participation: 1

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: New Initiate project to polish the large ΤΒΠ brass bent in front of the College of Engineering.

II. Purpose & Relationship to Objectives of ΤΒΠ: The purpose of this program is to instill a sense of pride in the initiates by keeping our public emblem in good condition. This brings honor to our chapter, profession, and to ΤΒΠ. We also want to increase the visibility of ΤΒΠ as an organization within the College of Engineering.

III. Organization & Administration: In conjunction with another group? Yes No

   Initiates were scheduled to polish the bent in front of the engineering building in various shifts. Electees, as well as members, were invited by email and in meetings to help polish the bent.

IV. Cost & Personnel Requirements: Brasso, Never-Dull, Steel Wool, and Polishing cloths

V. Special Problems: The humidity along the Gulf Coast makes it necessary to polish the bent regularly to keep it looking shiny.

VI. Overall Evaluation/Results: Each time the bent is polished, people comment on the appearance.

VII. Index of Exhibits: List of Participants
Members
1. Caleb Barlow (fall)
2. Tanner Hickman (spring)

Electees - Fall
1. Atienza, JannKyle F.
2. Blackwell, Cruise L.
3. Boshell, Timothy S.
4. Brown, Bobbi I.
5. Butler, Kenneth D.
6. Carithers, Collin R.
7. Corbett, Ethan H.
8. Dozier, Slater A.
9. Fedor, Nathanael
10. Frangos, Katherine E.
11. Gonzalezn, Logan
12. Gunn, Samantha D.
13. Harper, Andrew L.
14. Harville, Christopher D.
15. Hickman, Tanner J.
16. Higginbotham, Tristen A.
17. Horstman, Marissa A.
18. Huynh, Nghia T.
19. Johnson III, Christopher W.
20. Joiner, Tyler M.
21. Kelly, Derek L.
22. Koichi, Ashley N.
23. Massey, Spencer K.
24. McGehee, Jimmie L.
25. Meredith, Austin L.
26. Miskel, Anniestacia M.
27. Obiako, Ifezue V.
28. Orwin, Troy W.
29. Peddada, Ajay P.
30. Pement, Benjamin J.
31. Pham, Michael H.
32. Phillips, Jonah B.
33. Pimperl, William M.
34. Powers, Allie M.
35. Ranabhat, Bikash
36. Shawk, Nabila
37. Shurden, Brandon R.
38. Smith, Connie N.
39. Strong, Nicholas B.
40. Tatman, William S.
41. Thornburg, Dalton E.
42. Weinzirl, Michael A.
43. Young, Kyle L.

Electees - Spring
1. Bassler, Lauren N.
2. Brown, Amanda S.
3. Butt Jr., David A.
4. Cox III, Michael R.
5. Greenwald, Brent E.
6. Griswold, John R.
7. Hayden, Marshall W.
8. Howell, Andrew M.
9. Mallonee, Mason D.
10. Mazur, Evan M.
11. Miller, Paul M.
12. Moore, Ashleigh F.
13. Neizer, Sheena
14. Posey, Sarah P.
15. Stolz, Marvin
16. Welsh, Kelly M.
Project name: TBΠ Graduation Stoles

Date(s) of Project: 12/9/17 & 5/5/18

Target Audience: ☑ Community/ Liberal Culture  ☑ University/ College  ☑ Profession/ Engineering  ☑ Chapter/ Social  ☑ Education: Prof Development

Participants in project: See attached list: Members

Fall 8  Spring 28

Hours spent on this project: Organizing: 2  Participating: 1

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: TBΠ graduation stoles are either loaned or sold to graduating members to wear in graduation ceremonies.

II. Purpose & Relationship to Objectives of TBΠ: The program increases the awareness of TBΠ in the engineering college, university, and the community and provides recognition for the outstanding students in TBΠ.

III. Organization & Administration: In conjunction with another group? ☑ Yes  ☑ No

The chapter purchases stoles each spring, to have on hand for the graduating members to either purchase or to check out. Announcements about wearing stoles at graduation are made in meetings, emailed to the graduating members, and distributed with general graduation procedures by the Dean’s Office. The stoles are numbered and are distributed through the Dean's Office. Follow-up emails are sent to remind members to return the stoles.

IV. Cost & Personnel Requirements: Stoles were purchased for $22 each. A $22 deposit is required to check out a stole; the deposit is returned when the stole is returned in its original condition.

V. Special Problems: None

VI. Overall Evaluation/Results: The stoles were worn by all students participating in graduation ceremonies.

VII. Index of Exhibits: List of Participants
Graduation Stoles
List of Participants

**Fall 2017**
1. Fikes, Nicholas A.
2. Jacobs, Tukhula
3. Kirmse, Sebastian
4. Lyn, Nicholas M.
5. Mansoor, Fnu
6. Pement, Benjamin J.
7. Rounsaville, Bill
8. Vallee, Patrick

**Spring 2018**
1. Boshell, Timothy S.
2. Brown, Bobbi I.
3. Butler, Kenneth D.
4. Davis, Charles
5. Dunston, Derek L.
6. Greenwald, Brent E.
7. Harrison, Christopher D.
8. Hernandez, Arianjel F.
9. Higginbotham, Tristen A.
10. Huynh, Nghia T.
11. Koepp, Keith M.
12. Koichi, Ashley N.
13. Mallonee, Mason D.
14. McGehee, Jimmie L.
15. Miller, Eric J.
16. Miskel, Anniestacia M.
17. Morrison, Jesse
18. Murry, Bradford M.
19. Omar, Yousef
20. Phillips, Jonah B.
21. Reiss, Joshua P.
22. Rodriguez Reveles, Luis E.
23. Schibelius, Lisa M.
24. Scoper, Preston W.
25. Shaw, Daniel
26. Siu, Benjamin
27. Tatman, William S.
28. Turrens, Barbara L.
The Tau Beta Pi Association
Chapter Project Report

Project name: Executive Retreat

Date(s) of Project: 8/13/17

Target Audience: □ Community/Liberal Culture  □ University/College  □ Profession/Engineering  □ Chapter/Social  □ Education/Prof Development

Participants in project: See attached list.

Members: 10  Electees: 0

Hours spent on this project:
Organizing: 3  Participating: 3

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The chapter officers held an Executive Retreat to set chapter goals and plan activities for the upcoming year. The Retreat was held at the home of the chief advisor, Dr. Sally Steadman. The social setting was conducive to building camaraderie among the officers.

II. Purpose & Relationship to Objectives of TBII: The purpose of the Retreat is to establish the foundation for a successful chapter.

III. Organization & Administration: In conjunction with another group? □ Yes  □ No

IV. Cost & Personnel Requirements: Food was provided by the advisor.

V. Special Problems: None.

VI. Overall Evaluation/Results: The chapter officers established a meeting schedule for the first semester. They made plans for an active year, which included a week of activities to celebrate Tau Beta Pi week during initiation. They started making plans for the upcoming Leadership Workshop and the upcoming general meetings.

VII. Index of Exhibits: List of Participants, Photos

Executive Retreat
List of Participants

1. Phiwat Klomkaew, President
2. Caleb Barlow, Vice President
3. Tyler Tow, Corresponding Secretary
4. Yousef Omar, Treasurer
5. Mack Bozman, Past Social Media Chair
6. Arianjel Hernandez, Past ‘Comptroller’
7. Eric Steward (advisor)
8. Joe Richardson (advisor)
9. Sally Steadman (advisor)
10. John Steadman (Dean of Engineering)
Figure 1. Officers and advisors were engaging in planning activities for the organization.

Figure 2. Dean John Steadman grilled burgers for the Executive Retreat.
Project name: District Director Visit
Date(s) of Project: 10/8/17

Target Audience:

- Community/ Liberal Culture
- University/ College
- Profession/ Engineering
- Chapter/ Social
- Education: Prof Development

Participants in project:

- Members: 5
- Electees: 0
- Phiwat Klomkaew, Caleb Barlow, Mack Bozeman, Yousef Omar, Dr. Steadman (advisor)

Hours spent on this project:

- Organizing: 1
- Participating: 4

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The District Directors, Ellen Styles and Crystal McCartney, visited the chapter to discuss plans for the spring District Conference.

II. Purpose & Relationship to Objectives of TB: The purpose of the visit is to provide tools for the chapter leadership to coordinate a successful Conference.

III. Organization & Administration: In conjunction with another group? Yes  No

IV. Cost & Personnel Requirements:

V. Special Problems: Impending weather closed the University, but the meeting was held as planned; however, the District Directors left before lunch.

VI. Overall Evaluation/Results: The visit acquainted officers with national support and resulted in a plan for the District Conference.

VII. Index of Exhibits: List of Participants
The Tau Beta Pi Association  
Chapter Project Report

Project name: Officer Transition  
Date(s) of Project: March 22 - April 2018

Target Audience: Community/ Liberal Culture  
University/ College  
Profession/ Engineering  
Chapter/ Social  
Education: Prof Development

Participants in project: See attached list.  
Members: 15  
Electees: 0

Hours spent on this project: 
Organizing: 1  
Participating: 2

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION
I. General Description: The chapter’s outgoing president and vice-president held a meeting with incoming officers on March 22 to discuss goals, expectations, responsibilities, and activities. In April, each incoming officer scheduled a meeting with his/her corresponding outgoing officer, discussing their responsibilities and asking for tips on improvement. The officers then reported to the outgoing president on their meeting.

II. Purpose & Relationship to Objectives of TB: The purpose of these meetings is for a smooth transition of responsibilities to new officers.

III. Organization & Administration: In conjunction with another group?  

Yes

No

IV. Cost & Personnel Requirements: Officers set meetings with one another.

V. Special Problems: An Executive Retreat is planned during the summer term for all officers to meet as a group.

VI. Overall Evaluation/Results: Most meetings were successfully arranged and resulted in exciting new officers with a better understanding of their responsibilities.

VII. Index of Exhibits: List of Participants

List of Participants

<table>
<thead>
<tr>
<th>Position</th>
<th>2017-18</th>
<th>2018-19</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Phiwat Klomkaew</td>
<td>Tanner Hickman</td>
</tr>
<tr>
<td>VP</td>
<td>Caleb Barlow</td>
<td>Derek Kelly &amp; Marissa Horstman</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Yousef Omar</td>
<td>Brandon Shurden</td>
</tr>
<tr>
<td>Coor Secretary</td>
<td>Tyler Tow</td>
<td>Logan Gonzales</td>
</tr>
<tr>
<td>Rec Secretary</td>
<td>Luis Rodriguez Reveles</td>
<td>Amanda Brown</td>
</tr>
<tr>
<td>Social Media</td>
<td>Derek Kelly</td>
<td>Sarah Posey</td>
</tr>
<tr>
<td>Cataloger/Report Editor</td>
<td>Kelsey Ferrill</td>
<td>Lauren Bassler</td>
</tr>
<tr>
<td>Chief Advisor:</td>
<td>Dr. Sally Steadman</td>
<td></td>
</tr>
</tbody>
</table>
The Tau Beta Pi Association
Chapter Project Report

Project name: Finals Social                       Date(s) of Project: 4/26/2018

Target Audience: ☑ Community/ Liberal Culture  ☑ University/ College  ☑ Profession/ Engineering  ☒ Chapter/ Social  ☒ Education: Prof Development

Participants in project: See attached list       Members: 18       Others: 10

Hours spent on this project:                    Organizing: 1      Participating: 3

DESCRIPTION OR INDEX TO ATTACHED DESCRIPTION

I. General Description: The week before finals week, TBP provided pizza, soda, and ice cream to members and students studying for tests.

II. Purpose & Relationship to Objectives of TBΠ: The purpose of this program is to reach out to students who may not have heard about TBP and for members to destress before finals.

III. Organization & Administration: In conjunction with another group? ☑ Yes  ☐ No

This event was organized by TBP officers.

IV. Cost & Personnel Requirements: TBP paid for pizza. Soda and ice cream from past events was used.

V. Special Problems: None

VI. Overall Evaluation/Results: The social was successful. Many members and students attended.

VII. Index of Exhibits: List of Participants

Members
1. Bassler, Lauren
2. Barlow, Caleb D.
3. Cooper, Kevin
4. Gunn, Samantha D.
5. Harrison, Christopher D.
6. Hickman, Tanner J.
7. Horstman, Marissa A.
8. Jordan, Christopher S.
9. Kelly, Derek
10. Klomkaew, Phiwat
11. Koichi, Ashley
12. Moore, Ashleigh
13. Omar, Yousef
14. Posey, Sarah
15. Scoper, Preston W.
16. Siu, Benjamin
17. Walters, Mikayla G.
18. Weinzirl, Michael A.
Welcome to the Jungle
Freshman Panels
Graduate School Seminar
Alumni Speaker
Tau Toss
Integral Hunt
Integral Beta Pi
a Professor
Resume Workshop
PI Day Scholars Reception
Leadership Workshop
Research Seminar
Order of the Engineer
HSl Recruitment Calls
Awards Luncheon
HS Tours
EYE Boys & Girls Clubs
BEST Competition
BEST - Design Workshop
BEST - Doc Workshop
Coastal Cleanup
Hurricane Relief Fundraise
Canned Food Drive
Exploreum Professor of the Year
Sophomore Scholarship
Dean's Letter
Polo Shirts
National Convention District Conference
Bowling Night
Holiday Party
Social Media
Bent Decoration
Mobile River Boat Trip
Initiation Receptions
Bent Polishing
Graduation Stoles
Executive Retreat
DD Visit Officer
Transition Finals
Social Media
Bent Decoration
Office Transition
3D Visa
Executive Retreat
Graduation Photos
Boarding Night
Distress Conference
Retreat Registration
 undefeated Fang
Undergraduate
Fraternity Social
Sorority Special
TriPhi Honor Society
Phi Gamma Delta
Phi Sigma Gamma
Pi Kappa Phi
Delta Chi
Delta Tau Delta
Delta Kappa Epsilon
Delta Sigma Phi
Sigma Chi
Sigma Nu
Sigma Alpha Epsilon
Delta Zeta
Gamma Sigma Phi
Delta Gamma
Omega Nu
Nabisco"
Number of Projects 49

**Welcome to the Jungle**

**Freshman Panels**
- Graduate School Seminar
- Alumni Speaker
- Tau Toss
- Integral Hunt
- Integral Beta Pi

**Graduate Students**
- Professor Resume
- Workshop
- BEST Workshop
- BEST Workshop
- BEST Competition

**Alumni Panels**
- Dean's Letter
- Sponsorship Opportunities
- Professor of the Year
- Experimentation
- Frat Party
- Bowling Night
- Science Fair
- Science & Engineering Fair

**Other Panels**
- Social Media
- Bent Decoration
- Senior Dinner
- Mobile River Boat Trip
- Recruitment Calls
- Awards Luncheon
- EWeek Tours
- BEST Club Meetings
- BEST - Doc Workshop
- BEST - Debate Workshop
- BEST Competition

**Social Events**
- HS Tours
- Award Luncheon
- DSL Recruitment Cill
- Order of the Engineer
- Research Internship

**Leadership Workshops**
- Student Reception
- Day Trip

**Competitions**
- BEST Competition
- Science Fair

**Social Media**
- Instagram
- Facebook
- Twitter

**Eweek Activities**
- Analysis
- Analysis
- Analysis
- Analysis

**Additional Activities**
- Alumni Speaker
- Graduation School Seminar
- Tamaqua Grants

---

**Table:**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>49</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>